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SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS. NUMBER 24

Environmental Protection Agency
Washington, D. C.

August 1974

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SUMMARIES

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Number 24
August 1974

SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS

U S ENVIRONMENTAL PROTECTION AGENCY
Washington D C 20460

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FOREWORD

Under a series of documents exchange agreements with environmental agencies in other countries, EPA is building a collection of environmental reports issued by foreign governments and international organizations. This is a monthly announcement listing of foreign documents received through the exchange agreements.

The original documents can be obtained through the Library Systems Branch (see back page for order form). More detailed English abstracts can be provided when required. Full text translations, which are expensive, should be requested only when essential for operation of EPA programs. Translation Services Requisition form #1350-1 is used to request translations.

A computerized search system is being developed which will allow future retrieval of these summaries by:

a. country
b. subject area
   - air
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   - radiation
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c. type of document
   - legal/legislative/regulatory
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This series, devoted to summaries of government reports and other pertinent literature and focusing on the legislative, organizational, economic, and social aspects of environmental protection, supplements foreign scientific and technical literature abstracted by other EPA information services.

APTIC	PIC
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Ultimately, EPA plans to assemble a major collection of foreign government environments documents and to develop several approaches to the dissemination of this information to EPA staff. This announcement of documents received is the first step.

Office of Planning and Management — Office of International Activities

U. S. Environmental Protection Agency
Washington, D. C. 20460

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AMBROISE-REMDU, MARC
PM(A) FRENCH 03/29/74 PGS 13 ID# 01912G
*GENERAL NOISE RADIATION

ISRAEL
MONITORING IN ISRAEL
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE
PM(A) ENGLISH 02/00/74 PGS 1-4 ID# 01903A
WATER PESTICIDES GENERAL

THIS PAPER, PREPARED BY THE ENVIRONMENTAL PROTECTION SERVICE IN ISRAEL FOR PRESENTATION TO THE UN INTERGOVERNMENTAL MEETING ON MONITORING HELD IN NAIROBI, FEB. 11-20, 1974, REVIEWS THE ACTIVITIES OF MONITORING NETWORKS OPERATING IN 1973. THE DOCUMENT IS DIVIDED INTO FIVE PARTS: MONITORING OF THE AIR, WATER, AND PESTICIDES IN THE ENVIRONMENT, AND THE MONITORING OF WEATHER CONDITIONS AND OF NATURE AND WILDLIFE. IN THE CITIES OF TEL AVIV AND ASHDOD PERMANENT AIR MONITORING STATIONS HAVE BEEN SET UP AND ARE OPERATING. WATER MONITORING EMBRACES FOUR AREAS: GROUND WATER, UNDERGROUND, LAKE KINNERET (SEA OF GALILEE), AND WATER AS IT REACHES THE CONSUMER. THE PAPER POINTS OUT THAT THERE IS NO SINGLE, COMPREHENSIVE PROGRAM FOR THE MONITORING OF PESTICIDES IN AIR, WATER, OR SOIL. PESTICIDE MONITORING HAS CONCENTRATED UNTIL RECENTLY ON MEASURING PESTICIDE RESIDUES IN FOODS. THE PAPER ALSO LISTS THE OBJECTIVES OF METEOROLOGICAL MONITORING AND EXPLAINS HOW WILDLIFE MONITORING OPERATIONS ARE CARRIED OUT.

JAPAN
"POLLUTION INJURY INDEMNIFICATION PROBLEM" THE ORIENTAL ECONOMIST
LB(B) ENGLISH 08/00/73 PGS 8-14 ID# 01895A
ALSO SE
*GENERAL WATER

JAPAN
"PART OF NAT'L POLLUTION INSTITUTE TO BE OPENED." JAPAN TIMES
PM(A) ENGLISH 03/11/74 PGS 2 ID# 01898A
*GENERAL WATER

JAPAN "ENVIRONMENTAL AGENCY REPORT: MASSIVE USE OF OIL CAUSING POLLUTION." JAPAN TIMES

PM(A) ENGLISH 04/27/72 PGS 2 ID# EPA 01965A
*GENERAL WATER

MALAYSIA "MALAYSIA PLANS TO CURB POLLUTION." THE JAPAN TIMES
KATIGBAK, JOSE

LR(S) ENGLISH 11/11/73 PGS 12 ID# EPA 01723A
*GENERAL WATER

MEXICO "FEBRUARY 26, 1973 PUBLIC HEALTH CODE." DIARIO OFICIAL

LR(A) SPANISH 03/13/73 PGS 17-51 ID# EPA 01730A
*GENERAL WATER PESTICIDES RADIATION

MEXICO "AUG. 12, 1972 RESOLUTION PROVIDING SUBSIDIES TO NATIONAL INDUSTRIES FOR IMPORTING EQUIPMENT TO CONTROL POLLUTION CAUSED BY FUMES AND DUST" DIARIO OFICIAL.

LR(A) SPANISH 08/14/72 PGS 4 ID# EPA 01734A

THIS RESOLUTION BY THE SECRETARIAT OF FINANCE AND CREDIT SUBSIDIZES NATIONAL INDUSTRIES FOR THE IMPORTATION OF EQUIPMENT AND ATTACHMENTS TO CONTROL POLLUTION CAUSED BY THE EMISSION OF FUMES AND DUST. THE SECRETARIAT OF FINANCE AND CREDIT WILL GRANT SUBSIDIES TO NATIONAL INDUSTRIES WHICH IMPORT SUCH EQUIPMENT DIRECTLY ACCORDING TO THE TOTAL SPECIFIED QUOTAS AND AD-VALOREM OF THE GENERAL IMPORTATION TAX. THE SECRETARIAT OF INDUSTRY AND COMMERCE WILL GRANT IMPORTATION PERMITS IF THE MERCHANDISE BEING IMPORTED IS NOT MANUFACTURED LOCALLY AT A SIMILAR QUALITY OR PRICE OR DOES NOT HAVE THE SAME DELIVERY TIME. THE SECRETARIAT OF HEALTH AND ASSISTANCE WILL BE RESPONSIBLE FOR VERIFYING THE INSTALLATION OF THE EQUIPMENT OF WHICH THE IMPORTATION IS SUBSIDIZED.

AIR

NETHERLANDS — URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)

EPA

PM(A) — DUTCH — 00/00/72 PGS 1-56 — ID# 01620A
ALSO SE AND LR
*GENERAL WATER SOLID WASTE PESTICIDES RADIATION NOISE

NETHERLANDS — MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

EPA

ST( ) — DUTCH — 05/00/72 PGS 1-215 — ID# 00934A
ALSO PMB
*GENERAL WATER PESTICIDES NOISE SOLID WASTE RADIATION

PHILIPPINES — "AN ACT (REPUBLIC ACT NO. 3931) CREATING THE NATIONAL WATER AND AIR POLLUTION CONTROL COMMISSION. DATED 18 JUNE 1964." OFFICIAL GAZETTE, VOL. 60, NO. 45

EPA

LP(A) — ENGLISH — 06/18/64 PGS 7345-52 — ID# 01941A
*WATER

PHILIPPINES — "NATIONAL WATER AND AIR POLLUTION CONTROL COMMISSION. RULES AND REGULATIONS." OFFICIAL GAZETTE, VOL. 63, NO. 28

EPA

LP(A) — ENGLISH — 07/07/67 PGS 5999-6018 — ID# 01941B
*WATER

POLAND — "ENVIRONMENT LAW IN POLAND." RECHT IN OST UND WEST, V. 16, NO. 3
LAMMICH, SIEGFRIED

EPA

LR(B) — GERMAN — 05/15/72 PGS 123-126 — ID# 01045A
ALSO PMA
*GENERAL WATER

ROMANIA

"REFLECTIONS ON THE PROBLEM OF ENVIRONMENTAL PROTECTION AND THE ROLE OF LAW IN ESTABLISHING THE ECOLOGICAL BALANCE." REVUE ROUMAINE DES SCIENCES SOCIALES, V. 16, NO. 1
BRADEANU, SALVATOP
LR(B) FRENCH 00/00/72 PGS 31-40 EPA ID# 01039A
*WATER

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MEMORIA ESPANOLA SOBRE EL MEDIO AMBIENTAL. (SPANISH MEMORANDUM ON THE ENVIRONMENT)
LR(B) SPANISH 00/00/72 PGS 1-30 EPA ID# 01044A
ALSO PMA
*GENERAL WATER SOLID WASTE NOISE

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NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH
PM(A) ENGLISH 03/00/71 PGS 1-43 EPA ID# 01976A
*GENERAL PESTICIDES WATER RADIATION NOISE SOLID WASTE

SWEDEN

NATURVARDSVERKETS ARSBOK 1972 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1972)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PM(A) SWEDISH 00/00/72 PGS 1-174 EPA ID# 01866A
*GENERAL WATER SOLID WASTE NOISE

SWEDEN

NATURVARDSVERKETS ARSBOK 1971 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1971)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PM(A) SWEDISH 00/00/71 PGS 1-237 EPA ID# 01878A
*GENERAL WATER SOLID WASTE

SWEDEN
ENVIRONMENTAL RESEARCH 71/72. PUBLICATION 1974:3E
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
PM(A) ENGLISH 00/00/74 PGS 1-236 ID# 01915A
*GENERAL PESTICIDES WATER NOISE

SWEDEN
AIR POLLUTION PROBLEMS AT STATIONARY SOURCES IN SWEDEN. (PUB. 1971:10E)
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
PM(B) ENGLISH 00/00/71 PGS 1-240 ID# 01921A

THIS REPORT RESULTS FROM A SERIES OF INVESTIGATIONS, UNDERTAKEN BY THE NATIONAL ENVIRONMENT PROTECTION BOARD OF SWEDEN IN COLLABORATION WITH VARIOUS INDUSTRIAL ORGANIZATIONS. THESE INVESTIGATIONS, DESIGNED TO PROVIDE A SURVEY OF AIR POLLUTION PROBLEMS AND TO EVALUATE VARIOUS TECHNICAL EMISSION REDUCING METHODS, SERVE AS A BASIS FOR THE RECOMMENDATIONS CONTAINED IN THIS PUBLICATION. THE RECOMMENDATIONS, WHICH COVER BOTH NEW AND EXISTING INSTALLATIONS, APPLY TO THE FOLLOWING AREAS: THE IRON AND STEEL INDUSTRY; THE FERRO-ALLOY INDUSTRY; THE FOUNDRY INDUSTRY; THE CEMENT INDUSTRY; HOT-MIX ASPHALT PAVING PLANTS; THE WOOD PULP INDUSTRY; THE INORGANIC CHEMICAL INDUSTRY; OIL HEATED POWER PLANTS; AND INCINERATORS. FOR MOST TYPES OF INSTALLATIONS, THE REPORT CONSIDERS MANUFACTURING METHODS AND PROCESSES, AIR POLLUTION PROBLEMS METHODS FOR REDUCING EMISSIONS, AND COSTS OF EMISSION REDUCING OPERATIONS. FOR MANY AREAS RECOMMENDATIONS INCLUDE NOT ONLY GENERAL DIRECTIONS BUT EMISSION LIMITS AND CONSTRUCTIONAL REQUIREMENTS AS WELL.

SWEDEN
ENVIRONMENTAL MERCURY RESEARCH IN SWEDEN
LARSSON, J.E. EPA
ST( ) ENGLISH 06/00/70 PGS 1-47 ID# 00935A
ALSO IPB
*WATER

SWITZERLAND
"DEC. 23, 1971 DECREE IMPLEMENTING THE FEDERAL LAW ON TRADE IN POISONOUS SUBSTANCES (POISONOUS SUBSTANCES LAW)." SAMMLUNG DER EIDGENOESSISCHEN GESETZE EPA
LP(A) GERMAN 00/00/72 PGS 442-73 ID# 01321C
*PESTICIDES WATER

USSR COUNCIL OF PROTECTION OF THE ENVIRONMENT ESTABLISHED. FBIS DAILY BROADCAST, SOVIET UNION.

PM(A) ENGLISH 01/22/73 PGS EPA ID# 00778A
ALSO SE
*GENERAL WATER

GENERAL

FRANCE "MARCH 1, 1974 DECREE ON THE DESIGNATION OF MEMBERS OF THE GOVERNMENT." JOURNAL OFFICIEL DE LA REPUBLIQUE FRANCAISE

PM(A) FRENCH 03/02/74 PGS 2419 EPA ID# 01912A
ALSO LRA

THIS DECREE BY THE PRESIDENT OF FRANCE NAMES, ON THE RECOMMENDATION OF THE PRIME MINISTERS, NEW MEMBERS OF THE GOVERNMENT (MINISTERS AND STATE SECRETARIES). AMONG THOSE NAMES ARE ALAIN PEYREFITTE AS MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT (REPRESENTING A FUSION OF TWO PREVIOUSLY INDEPENDENT MINISTRIES) AND PAUL DIJOUD AS HIS STATE SECRETARY FOR THE ENVIRONMENT.

FRANCE "MARCH 15, 1974 DECREE NO. 74-243 ON THE DUTIES OF THE MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT." JOURNAL OFFICIEL DE LA REPUBLIQUE FRANCAISE

PM(A) FRENCH 03/16/74 PGS 3040 EPA ID# 01912B
ALSO LPA

THIS DECREE BY THE PRESIDENT OF FRANCE ASSIGNS TO THE MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT THE EXERCISE OF THOSE DUTIES PREVIOUSLY EXERCISED BY THE MINISTER OF CULTURAL AFFAIRS AND BY THE MINISTER FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT. ORGANIZATIONAL STRUCTURES PREVIOUSLY SUBORDINATE TO THESE MINISTERS ARE PLACED UNDER THE AUTHORITY OF THE NEW MINISTER. THE PRIME MINISTER AND THE NEW MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT ARE EACH RESPONSIBLE IN THEIR RESPECTIVE SPHERES FOR THE IMPLEMENTATION OF THIS DECREE.

FRANCE "MARCH 15, 1974 DECREE NO. 74-244 ON THE DUTIES OF THE STATE SECRETARY FOR THE ENVIRONMENT, ASSIGNED TO THE MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT." JOURNAL OFFIC.

EPA

PM(A) FRENCH 03/16/74 PGS 3040-41 ID# 01912C
ALSO LPA

THIS DECREE BY THE PRESIDENT OF FRANCE ASSIGNS TO THE STATE SECRETARY FOR THE ENVIRONMENT THE RESPONSIBILITIES, UNDER THE AUTHORITY AND DELEGATION OF THE MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT, PREVIOUSLY ASSIGNED TO THE MINISTER FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT. TO CARRY OUT HIS DUTIES, THE STATE SECRETARY HAS AT HIS DISPOSAL THE SECRETARIAT GENERAL OF THE HIGH COMMITTEE ON THE ENVIRONMENT, THE OFFICE (DIRECTION) FOR THE PREVENTION OF POLLUTION AND NUISANCES, OFFICE (DIRECTION) FOR THE PROTECTION OF NATURE, THE DEPARTMENT (SERVICE) OF GENERAL AFFAIRS, DEPARTMENT OF INFORMATION, PUBLIC RELATIONS, AND EDUCATIONAL ACTIVITIES, AND THE MISSION FOR THE URBAN AND RURAL ENVIRONMENT, WHICH ARE ALL PLACED UNDER HIS AUTHORITY. THE STATE SECRETARY HAS THE AUTHORITY FROM THE MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT TO SIGN IN HIS NAME ALL ACTS, DRECREES, AND DECISIONS WITHIN THE LIMITS FIXED BY THIS DECREE.

FRANCE LE NOUVEL ORGANIGRAMME DU MINISTERE DE L'ENVIRONMENT, FEVRIER 1974
(NEW ORGANIZATIONAL CHART OF THE MINISTRY OF THE ENVIORNMENT, FEBRUARY 1974)

EPA

PM(A) FRENCH 02/00/74 PGS 1 ID# 01912D

THIS ORGANIZATIONAL CHART SHOWS THE HIERARCHY OF ENVIRONMENTAL OFFICES IN THE MINISTRY OF CULTURAL AFFAIRS AND THE ENVIRONMENT (HEADED BY THE MINISTER ALAIN PEYREFITTE AND THE STATE SECRETARY FOR THE ENVIRONMENT PAUL DIJOUD), OUTLINING THE MAJOR OFFICES AND GIVING THE NAME OF THE MAJOR OFFICIALS. THE MOST IMPORTANT SUBDIVISIONS COMING UNDER THE STATE SECRETARY ARE: SECRETARIAT GENERAL OF THE HIGH COMMITTEE ON THE ENVIRONMENT, OFFICE (DIRECTION) FOR THE PREVENTION OF POLLUTION AND NUISANCES, OFFICE (DIRECTION) FOR THE PROTECTION OF NATURE, THE DEPARTMENT (SERVICE) OF GENERAL AFFAIRS (ADMINISTRATION, BUDGET, PLANNING), DEPARTMENT (SERVICE) OF INFORMATION, PUBLIC RELATIONS, AND EDUCATIONAL ACTIVITIES, AND THE MISSION FOR THE URBAN AND RURAL ENVIRONMENT.

FRANCE "ENVIRONMENT: ORGANIZATION AT THE DISPOSAL OF THE FORMER MINISTER WILL BE UNDER THE AUTHORITY OF M. DIJOUD." LE MONDE

EPA

PM(A) FRENCH 03/13/74 PGS 35 ID# 01912E
ALSO LRB

THIS NEWS ARTICLE REPORTS THAT THE NEW STATE SECRETARY FOR THE ENVIRONMENT PAUL DIJOUD WILL EXERCISE AUTHORITY OVER THE DEPARTMENTAL ORGANIZATION OF THE FORMER MINISTER FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT. HIS STAFF WILL PREPARE RESOLUTIONS THAT WILL BE SUPPORTED IN THE COUNCIL OF MINISTERS BY THE MINISTER OF CULTURAL AFFAIRS AND THE ENVIRONMENT. THE STATE SECRETARY SEEKS TO ASSURE THOSE WHO FEEL THAT ENVIRONMENTAL INTERESTS HAVE BEEN SHORT-CHANGED THAT THE REPLACEMENT OF THE MINISTER FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT BY A STATE SECRETARY DOES NOT CONSTITUTE A DOWNGRADING OF GOVERNMENT INTEREST IN ENVIRONMENTAL AFFAIRS TWO LETTERS TO THE EDITOR ARE APPPENDED TO THE ARTICLE; THEY EXPRESS THIS CONCERN.

GENERAL

FRANCE "DISAPPEARANCE OF THE MINISTRY OF THE ENVIRONMENT. NATURE AND CONCRETE."
LE MONDE
MALLET, ETIENEE EPA
PM(A) FRENCH 04/07/74 PGS 3 ID# 01912F

THIS EDITORIAL, COMMENTING ON THE COMBINING OF CULTURAL AND ENVIRONMENTAL AFFAIRS UNDER ONE MINISTRY, EXPLORES THE ADVANTAGES AND DRAWBACKS OF THE RESHUFFLING OF PORTFOLIOS IN THE FRENCH CABINET, WHETHER THE MOVE REPRESENTS A DOWNGRADING OF ENVIRONMENTAL ACTIVITIES OR WHETHER IT STRENGTHENS THE POSITION OF THE NEW MINISTRY VIS-A-VIS MORE POWERFUL MINISTRIES.

FRANCE "M. DIJOUD: I WILL NOT TOLERATE INDISTRIALISTS' USING THE ENERGY CRISIS AS A PRETEXT." LE MONDE
AMBROISE-RENDU, MARC EPA
PM(A) FRENCH 03/29/74 PGS 13 ID# 01912G
AIR NOISE RADIATION

THIS ARTICLE CONSISTS OF REPLIES BY THE NEW SECRETARY FOR THE ENVIRONMENTAL, PAUL DIJOUD, TO QUESTIONS ASKED BY THE STAFF OF "LE MONDE." THE QUESTIONS AND REPLIES COVER, AMONG OTHER TOPICS, THE SECRETARY'S ROLE IN THE NEW MINISTRY FOR THE ENVIRONMENT AND CULTURAL AFFAIRS, THE EFFECT OF THE ENERGY CRISIS, PROLIFERATION OF NUCLEAR POWER STATIONS, AND NOISE SUPPRESSION. THE SECRETARY SEES NO SUBSTANTIVE FUSION IN THE COMBINATION OF ENVIRONMENTAL AND CULTURAL AFFAIRS INTO ONE NEW MINISTRY. HIS RESPONSIBILITIES FOR THE ENVIRONMENT ARE THE SAME AS THOSE EXERCISED BY THE FORMER MINISTER FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT AND WERE SPECIFICALLY ASSIGNED BY THE PRIME MINISTER AND THE REPUBLIC. THE SECRETARY STATED THAT OBLIGATIONS OF INDUSTRIAL CONCERNS UNDER THE LAW WILL BE ENFORCED DESPITE THE ENERGY CRISIS, WITH THE PRIME MINISTER AND THE PRESIDENT DETERMINED TO REDUCE AIR AND NOISE POLLUTION. NOISE SUPPRESSION IS DIFFICULT BECAUSE OF MULTIPLICITY OF SOURCES. INDIVIDUAL, NOT BLANKET MEASURES WILL BE TAKEN.

ISRAEL MONITORING IN ISRAEL
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
PM(A) ENGLISH 02/00/74 PGS 1-4 ID# 01903A
*AIR WATER PESTICIDES

JAPAN

"JAPAN, PRC TO COOPERATE ON ENVIRONMENT." DEPARTMENT OF STATE AIRGRAM, AMEMBASSY TOKYO, A-728
U.S. STATE DEPARTMENT
LP(5) ENGLISH 08/24/73 PGS 9 EPA ID# 01255A

THIS REPORT, PUT TOGETHER BY THE AMERICAN EMBASSY IN TOKYO FROM JAPANESE PRESS CLIPPINGS, STATES THAT A JAPANESE GOVERNMENT SOURCE HAS DISCLOSED THAT JAPAN'S ENVIRONMENT AGENCY HAS REACHED AGREEMENT WITH THE STATE PLANNING COMMISSION OF THE PEOPLE'S REPUBLIC OF CHINA ON EXCHANGING INFORMATION ON THE ENVIRONMENT AND ENVIRONMENTAL POLLUTION. THE JAPANESE SIDE HAS ALREADY BEGUN RELEASING DATA TO THE CHINESE. NO CHINESE INFORMATION HAS YET BEEN RECEIVED BY THE JAPANESE GOVERNMENT.

JAPAN

"POLLUTION INJURY INDEMNIFICATION PROBLEM" THE ORIENTAL ECONOMIST
LP(3) ENGLISH 08/00/73 PGS 8-14 EPA ID# 01835A
ALSO SP
WATER AIR

THIS ARTICLE DISCUSSES THE PROBLEM OF POLLUTION INJURY INDEMNIFICATION WITHIN THE FRAMEWORK OF A FREE-MARKET ECONOMY AND THE IMPACT OF THE "POLLUTER-MUST-PAY" PRINCIPLE ON BUSINESS AND THE GENERAL ECONOMY. THE ARTICLE IS ORIENTED TOWARD THE PROBLEM IN JAPAN TYPIFIED BY THE MINIMATA DISEASE CASES. JAPAN'S PARTICULAR SUSCEPTIBILITY TO POLLUTION AND THE INADEQUACY OF THE GOVERNMENT'S POLLUTION-PREVENTION BUDGET ARE EXAMINED. DESPITE GENERAL ACCEPTANCE OF THE CONCEPT THAT THE POLLUTER MUST PAY, THIS PRINCIPLE IS NOT FULLY APPLICABLE WHEN, FOR EXAMPLE, THE COST OF REMOVING POLLUTANT SLUDGE ACCUMULATED OVER YEARS AS A RESULT OF UNREGULATED DUMPING OF INDUSTRIAL WASTES IS PROHIBITIVE WHEN COUPLED WITH INDEMNIFICATION COSTS TO THOSE WHO ARE VICTIMS OF POLLUTION-CAUSED ILLNESSES. IF THE POLLUTER CANNOT PAY, SOME ONE ELSE WILL HAVE TO. CLOSING DOWN THE OFFENDING COMPANY IS NO REASONABLE SOLUTION, GIVEN THE ECONOMIC CONSEQUENCES INVOLVED. THE GOVERNMENT MUST ADVANCE NECESSARY FUNDS OR REIMBURSE COMPANIES UNABLE TO SUSTAIN THE COSTS.

JAPAN

"PART OF NAT'L POLLUTION INSTITUTE TO BE OPENED." JAPAN TIMES
PM(A) ENGLISH 03/11/74 PGS 2 EPA ID# 01698A
AIR WATER

THIS ARTICLE DESCRIBES BRIEFLY THE FUNCTIONS OF THE NEW NATIONAL POLLUTION RESEARCH INSTITUTE NOW NEARING COMPLETION IN JAPAN. BEING BUILT BY THE ENVIRONMENT AGENCY, THE INSTITUTE WILL BE CONCERNED WITH RESEARCH INTO THE QUESTION OF WHAT ENVIRONMENT IS DESIRABLE FOR MAN. AMONG THE DIVISIONS THE INSTITUTE WILL HOUSE ARE THE ENVIRONMENT INFORMATION DIVISION, THE OVERALL ANALYSIS DIVISION SPECIALIZING IN REGIONAL COUNTER-POLLUTION PLANNING, THE MEASUREMENT TECHNOLOGY DIVISION, AND THOSE CONCERNED WITH AIR POLLUTION, WATER POLLUTION, SOIL POLLUTION, AND ECOLOGY. THE 1974 FY BUDGET PROVIDES FOR A STAFF OF 86; EVENTUALLY THE STAFF WILL NUMBER 490. INITIALLY, THE INSTITUTE WILL CONDUCT BASIC RESEARCH ON BETTER WAYS TO DETECT POLLUTANTS AND ON THE DEVELOPMENT OF EQUIPMENT FOR POLLUTANT ANALYSIS.

GENERAL

JAPAN

"ENVIRONMENTAL AGENCY REPORT: MASSIVE USE OF OIL CAUSING POLLUTION." JAPAN TIMES

EPA

PM(A) ENGLISH 04/27/74 PGS 2 ID# 01965A
AIR WATER

THIS NEWS ARTICLE SUMMARIZES THE THIRD ANNUAL REPORT OF JAPAN'S ENVIRONMENT AGENCY, THE SO-CALLED WHITE PAPER ON THE ENVIRONMENT FOR FISCAL 1973. THE REPORT INDICATES THAT AIR AND WATER POLLUTION WAS ABOUT THE SAME OR SLIGHTLY LESS THAN IN THE PRECEDING YEAR DUE TO STRICTER GOVERNMENT CONTROLS. HOWEVER, POLLUTION FROM MERCURY, CADMIUM, AND A FEW OTHER METALLIC POLLUTANTS INCREASED SHARPLY. THE REPORT PROPOSES EVEN TIGHTER CONTROLS ON THESE METALS AND GREATER GOVERNMENT SPENDING FOR TECHNOLOGY TO REMOVE CADMIUM FROM THE CHEMICALLY-CONTAMINATED RICE FIELDS. MASSIVE USE OF OIL IS STILL THE GREATEST CAUSE OF POLLUTION IN JAPAN, ALTHOUGH THE NEWS ARTICLE COMMENTS THAT THE REPORT DID NOT MENTION POSSIBLE POLLUTION FROM NUCLEAR POWER PLANTS. INCLUDED IN THE REPORT ARE A SUMMARY OF THE STATE OF POLLUTION AND A DECLARATION OF MEASURES TO BE TAKEN IN FISCAL 1974 FOR THE PREVENTION OF POLLUTION.

JAPAN

"NEED TO ABOLISH ENVIRONMENTAL POLLUTION, ACCIDENTS, BAD GOODS." JAPAN TIMES
OYA, SHINZO

EPA

SE( ) ENGLISH 01/24/74 PGS 2 ID# 01748A
ALSO PMB

THIS ARTICLE BY THE PRESIDENT OF A JAPANESE BUSINESS FIRM DISCUSSES THE ROLE OF INDUSTRY IN ENVIRONMENTAL PROTECTION, ACCIDENTS, AND QUALITY PRODUCTS. THE BASIC FUNCTIONS OF INDUSTRY ARE DIVIDED INTO THE ECONOMIC AND THE SOCIAL SPHERES. WHEN PRODUCTS AND SERVICES ARE IN SHORT SUPPLY AND THE ECONOMY SLUMPS, INDUSTRY IS CALLED UPON TO EXERCISE ITS ECONOMIC FUNCTIONS. BUT IN TIMES OF SUSTAINED ECONOMIC GROWTH, SOCIETY EXPECTS INDUSTRY TO TEND TO ITS SOCIAL FUNCTIONS. HIGH IN THE HIERARCHY OF SOCIAL FUNCTIONS IS ENVIRONMENTAL PROTECTION. RECENTLY, THE AUTHOR CLAIMS, THE DRIVE FOR HIGH PROFITS HAS SOMEWHAT DILUTED CORPORATION ETHICS, RESULTING IN AN INCREASED PUBLIC CONCERN ABOUT BUSINESS BEHAVIOR. INDUSTRIES MUST THEN GIVE AMPLE CONSIDERATION TO IMPROVING THE ENVIRONMENT, REDUCING ACCIDENTS, AND PRODUCING QUALITY PRODUCTS, MOST ESPECIALLY WHEN "GREATER-THAN-NEEDED PROFITS ACCRUE."

KENYA

KENYA'S NATIONAL REPORT TO THE UNITED NATIONS ON THE HUMAN ENVIRONMENT
KENYA. MINISTRY FOR NATURAL RESOURCES

EPA

PM(A) ENGLISH 04/00/72 PGS 1-1 ID# 01876A

THIS REPORT, PREPARED FOR THE 1972 UNITED NATIONS CONFERENCE ON THE HUMAN ENVIRONMENT IN STOCKHOLM, IS A BROAD ASSESSMENT OF THE ENVIRONMENTAL SITUATION IN KENYA. SECTION 1, WHICH REVIEWS MAJOR ENVIRONMENTAL PROBLEMS IN KENYA, CONTAINS SUBSECTIONS ON: ASPECTS OF HUMAN SETTLEMENTS, WITH EMPHASIS ON POPULATION DISTRIBUTION, HOUSING AND SANITATION PROBLEMS IN BOTH URBAN AND RURAL AREAS, AND PLANNING; RATIONAL MANAGEMENT OF NATURAL RESOURCES, WITH A REVIEW OF THE SITUATION WITH REGARD TO AGRICULTURE, RANCHING, FORESTRY, WILDLIFE, FISHERIES, WATER RESOURCES, AND MINING; AND POLLUTION PROBLEMS IN THE AREAS OF WATER, BIOCIDES, SOIL, AIR, AND NOISE POLLUTION, RADIOACTIVE SUBSTANCES, AND AESTHETIC AND CULTURAL POLLUTION. SECTION 2, A REVIEW OF PAST AND FUTURE ACTION IN THE ENVIRONMENTAL AREA, FIRST CONSIDERS EXISTING OR PROPOSED NATIONAL LEVEL MEASURES REGARDING PROBLEMS OF HUMAN SETTLEMENTS, NATURAL RESOURCES AND POLLUTION, AND THEN CONSIDERS KENYA'S PARTICIPATION IN ACTION ON THE INTERNATIONAL LEVEL.

GENERAL

MALAYSIA

"MALAYSIA PLANS TO CURB POLLUTION." THE JAPAN TIMES
KATIGBAK, JOSE
EPA
LR(B) ENGLISH 11/11/73 PGS 12 ID# 01723A
AIR WATER

THIS DISPATCH, BEARING A KUALA LUMPUR DATELINE, REPORTS ON A GENERAL ENVIRONMENTAL QUALITY BILL LIKELY TO BE ENACTED SOON IN MALAYSIA. THE ACT WOULD REQUIRE THE LICENSING OF ALL ACTIVITIES THAT AFFECT THE ENVIRONMENT AND WOULD SET RESTRICTIONS AND CONTROLS ON SUCH ACTIVITIES. THE BILL HAS ALREADY UNDERGONE ITS FIRST READING IN PARLIAMENT, AND INDICATIONS ARE THAT IT WILL BE APPROVED IN LATE NOVEMBER 1973. HEALTH OFFICIALS IN MALAYSIA CONSIDER FECAL POLLUTION A MAJOR PROBLEM, BUT INCREASING INDUSTRIALIZATION, URBANIZATION, AND MOTOR TRAFFIC ARE GIVING RISE TO OTHER PROBLEMS. IN ADDITION TO THE CONTROL OF WATER, AIR, AND SOIL POLLUTION, THE ENVIRONMENTAL QUALITY ACT, AS DRAFTED BY THE GOVERNMENT, WOULD ALSO PROHIBIT THE DISCHARGE OF OIL INTO TERRITORIAL WATERS. IT WOULD ALSO GIVE THE MINISTER IN CHARGE OF THE ENVIRONMENT THE AUTHORITY TO IDENTIFY SOURCES OF POLLUTION AND TO TAKE MEASURES TO CONTROL THEM, SUCH AS THE ZONING OF AREAS WHERE POLLUTION IS SUSPECTED AND THE SPECIAL LICENSING OF ESTABLISHMENTS WITHIN THESE ZONES.

MEXICO

"FEBRUARY 26, 1973 PUBLIC HEALTH CODE." DIARIO OFICIAL
EPA
LR(A) SPANISH 03/13/73 PGS 17-51 ID# 01730A
AIR WATER PESTICIDES RADIATION

PARTS III AND IX OF THIS PUBLIC HEALTH CODE DEAL WITH THE PHYSICAL ENVIRONMENT AND WITH THE USE OF PESTICIDES. THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE IS RESPONSIBLE FOR THE IMPROVEMENT, RESTORATION, AND CONSERVATION OF THE ENVIRONMENT AND FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL CONDITIONS THAT IMPAIR HUMAN HEALTH. THE FEDERAL EXECUTIVE SETS THE PERMISSIBLE LIMITS FOR THE DISCHARGE OF AIR POLLUTANTS, WHILE THE SECRETARIAT OF HEALTH ESTABLISHES GENERAL TECHNICAL STANDARDS AND PROMOTES DEVELOPMENT PLANS FOR THE CONTROL OR PREVENTION OF AIR POLLUTION FROM NATURAL OR ARTIFICIAL SOURCES. THE SECRETARIAT IS ALSO RESPONSIBLE FOR THE PREVENTION OF THE POLLUTION OF WATERS, WITHOUT PREJUDICE TO FEDERAL POLLUTION LAWS. THE CODE ALSO DELINEATES THE RESPONSIBILITIES OF THE SECRETARIAT OF HEALTH IN REGARD TO THE POLLUTION OF TERRITORIAL WATERS AND TO IONIZING RADIATIONS AND NECESSARY COORDINATION WITH OTHER GOVERNMENT BODIES. CHAPTER 10, PART IX DEALS WITH THE CONTROL OF PESTICIDES AND THE ROLE OF THE SECRETARIAT OF HEALTH.

GENERAL

MEXICO

"JUL 10, 1972 RESOLUTION ESTABLISHING A BASIS FOR THE MANUFACTURE OF EQUIPMENT AND ATTACHMENTS FOR PREVENTING AND CONTROLLING ENVIRONMENTAL POLLUTION" DIARIO OFICIAL DE MEXICO.

EPA

LP(A) SPANISH 07/14/72 PGS 8-9 ID# 01732A

THIS RESOLUTION BY THE SECRETARY OF INDUSTRY AND COMMERCE ESTABLISHES THE BASIS FOR THE MANUFACTURE OF EQUIPMENT AND ATTACHMENTS FOR PREVENTING AND CONTROLLING ENVIRONMENTAL POLLUTION. THE GENERAL DIRECTOR OF INDUSTRY IS RESPONSIBLE FOR ORIENTING THOSE PERSONS INTERESTED IN MANUFACTURING SUCH EQUIPMENT. THOSE INTERESTED MUST SUBMIT THEIR MANUFACTURING PROPOSALS TO THE GENERAL DIRECTOR FOR APPROVAL. THE REQUISITES FOR SUCH APPROVED ARE STATED IN THIS PROPOSAL. THE RESULT OF THIS RESOLUTION WILL BE TO ENCOURAGE THE MANUFACTURE OF ENVIRONMENTAL CONTROL DEVICES, THUS AVOIDING IMPORTATION. FURTHER ECONOMIC ADVANTAGES WILL BE TO CREATE EMPLOYMENT, TO TAKE ADVANTAGE OF REGIONAL RESOURCES, AND TO DEVELOP THE NATIONAL TECHNOLOGY AND POSSIBILITIES OF EXPORTATION.

MEXICO

"ENVIRONMENTAL POLLUTION SHOULD BE FOUGHT BY THE ENTIRE WORLD" MEDIO AMBIENTE, V. 1
CORNETT, MELODY, INTERVIEWER

EPA

SE( ) SPANISH 03/00/73 PGS 13 ID# 01924A

IN AN EXCLUSIVE INTERVIEW FOR "MEDIO AMBIENTE", A MEXICAN ENVIRONMENTAL JOURNAL, U.S. ENVIRONMENTAL PROTECTION AGENCY ADMINISTRATOR WILLIAM RUCKELSHAUS VOICED THE BELIEF THAT TRANSNATIONAL POLLUTION PROBLEMS, ALTHOUGH GRAVE AND COMPLEX, CAN BE SATISFACTORILY SOLVED ON THE BASIS OF INTERNATIONAL COOPERATION. REFERRING TO INDUSTRIAL POLLUTION, RUCKELSHAUS SAID THAT SPECIAL PROGRAMS ARE REQUIRED FOR THE UNITED STATES AS WELL AS MEXICO. THESE PROGRAMS CAN EVENTUALLY HELP UNDERDEVELOPED COUNTRIES TO DIVERT THEIR FEARS OF HAVING TO PAY FOR THE EXCESSES AND ERRORS OF THE MORE INDUSTRIALIZED STATES. RUCKELSHAUS PROMISED THAT U.S. ECOLOGISTS WILL CONTINUE TO WORK WITH THE LATIN AMERICAN COUNTRIES IN ENVIRONMENTAL PROTECTION PLANNING. THE INTERVIEW WAS CONDUCTED DURING THE FIRST NATIONAL MEETING ON THE PROBLEMS OF ENVIRONMENTAL POLLUTION HELD IN MEXICO CITY, JAN. 15-19, 1973.

NETHERLANDS

URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)

EPA

PM(A) DUTCH 00/00/72 PGS 1-56 ID# 01620A
ALSO SE AND LR
AIR WATER SOLID WASTE PESTICIDES RADIATION NOISE

THIS MEMORANDUM, ISSUED BY THE MINISTER OF HEALTH AND ENVIRONMENT TO THE PRESIDENTS OF THE TWO CHAMBERS OF THE STATES GENERAL (1971-72 SESSION: 11 906), COMPRISES TWO PARTS. PART 1, WHICH DEALS WITH GENERAL ISSUES, CONTAINS A SKETCH OF ENVIRONMENTAL PROBLEMS, DISCUSSES THE RELATIONSHIP BETWEEN HEALTH AND THE ENVIRONMENT, REVIEWS THE ECOLOGICAL CONTEXT, AND DISCUSSES ENVIRONMENTAL HYGIENE IN THE CONTEXTS OF SOCIOECONOMIC DEVELOPMENT, SPATIAL PLANNING, AND CONSERVATION. PART 2, WHICH PRESENTS THE "CRASH PROGRAM" FOR THE ENVIRONMENT, CONTAINS SECTIONS ON: THE POLLUTION OF SURFACE WATER: THE PUBLIC WATER SUPPLY; AIR POLLUTION; HANDLING OF WASTES; SOIL POLLUTION; NOISE CONTROL; NUCLEAR ENERGY AND IONIZING RADIATION; DOMESTIC HYGIENE; AND INSECT CONTROL. UNDER EACH SECTION A SHORT DESCRIPTION OF THE PROBLEM IS GIVEN, FOLLOWED BY AN ACCOUNT OF THE SHORT TERM MEASURES TAKEN TO COMBAT IT.

GENERAL

NETHERLANDS

"MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

EPA

TI( )

DUTCH 05/00/72 PGS 1-215 ID# 00934A

FICO PMB

AIR WATER PESTICIDES NOISE SOLID WASTE RADIATION

THIS PUBLICATION, THE RESULT OF AN INVENTORY OF DUTCH RESEARCH IN THE GENERAL AREA OF ENVIRONMENTAL MANAGEMENT UNDERTAKEN BY THE STUDY AND INFORMATION CENTER INC FOR RESEARCH IN THE SERVICE OF ENVIRONMENTAL MANAGEMENT, LISTS OVER 1,100 ONGOING AND CURRENT PROJECTS AT OVER 350 DIFFERENT DUTCH UNIVERSITIES, TECHNICAL SCHOOLS AND OTHER RESEARCH INSTITUTIONS. PROJECTS ARE CLASSIFIED UNDER SEVEN MAJOR HEADINGS: AIR POLLUTION, SOUND CONTROL, WATER POLLUTION, SOIL POLLUTION, THE RELATIONSHIP BETWEEN ENVIRONMENT AND SAFETY, THE RELATIONSHIP BETWEEN MAN AND THE ENVIRONMENT, AND ECOLOGY. EACH ENTRY INCLUDES A BRIEF DESCRIPTION OF THE PROJECT, GIVES THE NAME OF THE INSTITUTION AT WHICH IT IS BEING CARRIED OUT AS WELL AS OF OTHER INSTITUTIONS COOPERATING IN THE RESEARCH EFFORT, AND INDICATES THE PHASE OF OPERATIONS WHICH THE PROJECT HAS REACHED. AN EXTENSIVE KEYWORD INDEX TO THE PROJECTS IS INCLUDED.

NORWAY

"AMERICAN ENVIRONMENTAL RESEARCH ALSO OF SIGNIFICANCE FOR NORWAY."

VART LAND

GABRIELSEN, KJELL

EPA

TI( )

NORWEGIAN 02/05/73 PGS 8 ID# 00949A

ALSO IRB, PMA

THIS ARTICLE FROM THE NORWEGIAN NEWSPAPER "VART LAND" REPORTS ON THE REMARKS OF FORMER NORWEGIAN MINISTER OF WAGES AND PRICES, PROFESSOR OLAV GJAEREVOLL, UPON HIS RETURN FROM A TOUR OF THE UNITED STATES, DURING WHICH HE EXAMINED VARIOUS ASPECTS OF U.S EFFORTS IN THE ENVIRONMENTAL FIELD. PROFESSOR GJAEREVOLL SPEAKS VERY FAVORABLY OF U.S. EFFORTS, ESPECIALLY IN THE AREA OF ENVIRONMENTAL RESEARCH, AND MENTIONS THE ACTIVITIES OF THE COUNCIL OF ENVIRONMENTAL QUALITY AND THE ENVIRONMENTAL PROTECTION AGENCY. FURTHERMORE, HE RECOMMENDS THAT AN ENVIRONMENTAL ATTACHE BE ASSIGNED TO THE NORWEGIAN EMBASSY IN WASHINGTON. PROFESSOR GJAEREVOLL ALSO BRIEFLY DISCUSSES RECYCLING EFFORTS, THE USE OF SLUDGE FOR LAND-FILL, THE PUNISHMENT OF POLLUTERS, U.S. NATIONAL PARKS, AND THE IMPORTANCE OF PUBLIC OPINION IN THE ENVIRONMENTAL EFFORT.

PERU

"DEC. 24, 1973 DECREE LAW (EXPROPRIATING CERRO DE PASCO MINING CORPORATION)" EL PERUANA.

EPA

LP(A)

SPANISH 12/03/73 PGS 1-2 ID# 01747A

*WATER

PHILIPPINES

"EXECUTIVE ORDER NO. 342 ESTABLISHING THE POLLUTION RESEARCH CENTER OF THE PHILIPPINES." OFFICIAL GAZETTE, VOL. 67, NO. 41.

IB(A)

ENGLISH 10/11/71 PGS 8128-28A EPA ID# 01942A

THIS ORDER ESTABLISHES A POLLUTION RESEARCH CENTER AT FORT BONIFACIO, RIZAL (PHILIPPINES), TO BE MANNED BY REPRESENTATIVES OF THE POLLUTION COMMISSION, THE NATIONAL SCIENCE DEVELOPMENT BOARD, THE DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES, THE DEPARTMENT OF PUBLIC WORKS AND COMMUNICATIONS, THE DEPARTMENT OF HEALTH, THE DEPARTMENT OF NATIONAL DEFENSE, AND SUCH OTHER OFFICIALS OR PRIVATE CITIZENS AS MAY BE DESIGNATED BY THE PRESIDENT. THE CENTER IS AUTHORIZED TO CALL UPON ANY DEPARTMENT, BUREAU, OFFICE, AGENCY, OR INSTRUMENTALITY OF THE GOVERNMENT FOR ASSISTANCE IN THE FORM OF PERSONNEL, FACILITIES AND OTHER RESOURCES. BY EXECUTIVE ORDER NO. 410 (OFFICIAL GAZETTE, VOL. 69, NO. 14, APRIL 2, 1973, P. 2928), THE NAME OF THE CENTER WAS CHANGED TO THE ENVIRONMENTAL CENTER OF THE PHILIPPINES.

POLAND

"ENVIRONMENT LAW IN POLAND." RECHT IN OST UND WEST, V. 16, NO. 3

LAMMICH, SIEGFRIED

2B(3)

GERMAN 05/15/72 PGS 123-126 EPA ID# 01045A

ALSO PHA

AIR WATER

THIS ARTICLE, APPEARING IN A PROFESSIONAL LEGAL JOURNAL, EXAMINES ENVIRONMENT LAW IN POLAND. IT DISCUSSES ITS POSITION RELATIVE TO PRODUCTION PLANNING IN A STATE-PLANNED ECONOMY AND STRESSES THE INCREASING SIGNIFICANCE OF ENVIRONMENTAL LEGISLATION IN POLAND AND THE INTEREST WHICH POLISH AUTHORITIES ARE BEGINNING TO ATTACH TO THE CREATION OF LEGAL MECHANISMS TO DEAL WITH THE PROBLEMS OF AIR AND WATER POLLUTION. THE AUTHOR STATES THAT THE SOLUTION TO INDIVIDUAL PROBLEMS OF THE ENVIRONMENT IS INFLUENCED BY TWO SETS OF NORMS: PLANNING NORMS AND LEGAL STANDARDS; NOTING THAT IN THE CASE OF CONFLICT PREFERENCE IS USUALLY GIVEN TO THE FORMER. THERE IS, HOWEVER, A GROWING TENDENCY TO INTEGRATE ENVIRONMENTAL ACTION INTO PRODUCTION PLANNING. THE ARTICLE COVERS THE ORGANIZATION AND COMPETENCE OF ENVIRONMENTAL AGENCIES AND COORDINATION BETWEEN THEM. IT ALSO TRACES THE COURSE OF POLISH ENVIRONMENTAL LEGISLATION AND ITS LEGAL MECHANISMS AND PENALTY PROVISIONS IN TERMS OF THE ENVIRONMENTAL GOALS WHICH POLAND HAS OUTLINED FOR ITSELF.

SINGAPORE

"PLANNING THE SINGAPORE ENVIRONMENT." THE SINGAPORE ENVIRONMENT

ONG, TEONG PIN

2F(3)

ENGLISH 02/00/73 PGS 94-99 EPA ID# 01971A

THIS PAPER, DELIVERED BY AN OFFICIAL OF THE SINGAPORE MINISTRY OF LAW AND NATIONAL DEVELOPMENT AND APPEARING IN A VOLUME CONTAINING PAPERS PRESENTED AT A SEMINAR ORGANIZED BY THE SINGAPORE NATIONAL ACADEMY OF SCIENCE AND THE COMMUNITY DEVELOPMENT AND SOCIAL RESEARCH COMMITTEE OF THE CHINESE YMCA ON DEC. 9, 1972, FOCUSES ON THE PROBLEM OF TRAFFIC CONGESTION, PEDESTRIAN MOVEMENT, AND THE ENVIRONMENT THREAT TO THE CULTURAL HERITAGE. THE AUTHOR CITES VARIOUS TRAFFIC STATISTICS, DEMONSTRATING THE SIGNIFICANT INCREASE IN MOTOR VEHICLE USE AND STREET CONGESTION. A LONG-TERM SOLUTION TO COUNTER THIS PROBLEM LIES IN THE FORMULATION OF A TRAFFIC PLAN BASED ON A COMPREHENSIVE LAND USE AND TRANSPORTATION STUDY. SUCH A PLAN WAS CLEARLY INDICATED, HE CONTINUES, IN THE CONCEPT PLAN PREPARED UNDER THE STATE AND CITY PLANNING PROJECT. LONG-TERM PLANS INCLUDE A HIGHWAY EXPRESS SYSTEM. SHORT-TERM MEASURES CENTER ON TRAFFIC MANAGEMENT, INCLUDING THE USE OF ONE-WAY STREETS. A MASS TRANSIT SYSTEM WILL ALSO HAVE TO PLAY A ROLE.

Reproduced from best available copy.

SPAIN

MEMORIA ESPANOLA SOBRE EL MEDIO AMBIENTAL. (SPANISH MEMORANDUM ON THE ENVIRONMENT)

LP(G) SPANISH 00/00/72 PGS 1-30 EPA ID# 01044A
ALSO FMA
AIR WATER SOLID WASTE NOISE

THIS MEMORANDUM OF THE SPANISH GOVERNMENT, PRESENTED TO THE U.N. CONFERENCE ON THE HUMAN ENVIRONMENT, SUMMARIZES THE CHIEF ENVIRONMENTAL ISSUES IN SPAIN, THE MEASURES TAKEN THERE TO PROTECT THE ENVIRONMENT, AND THE THIRD PLAN ON DEVELOPMENT AND ENVIRONMENT. IT ALSO OUTLINES SPANISH ENVIRONMENTAL LEGISLATION FOR PROTECTION AGAINST THE POLLUTION AND DETERIORATION OF WATER RESOURCES, AGAINST NOISE AND THE CONTAMINATION OF THE ATMOSPHERE, AND FOR THE PRESERVATION OF RURAL AND URBAN ENVIRONMENTS AS WELL AS THE PRESERVATION OF SPAIN'S CULTURAL HERITAGE. FISCAL AND FINANCING MEASURES FOR THE SUPPORT OF THE ENVIRONMENTAL PROGRAM ARE TREATED. IN ADDITION, THE PAPER SUMMARIZES THE GENERAL AND SPECIAL POWERS OF THE GOVERNMENT IN REGARD TO ENVIRONMENTAL PROTECTION AND DISCUSSES ENVIRONMENTAL TRAINING AND RESEARCH IN SPAIN.

SPAIN

"MAR. 9, 1971 GENERAL ORDER ON OCCUPATIONAL SAFETY AND HYGIENE," REPERTORIO CRONOLOGICO DE LEGISLACION.
EDITORIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/71 PGS 556-583 EPA ID# 01136A
*NOISE RADIATION

SPAIN

"DEC 19, 1970 DECREE ON TOURISM SETTING MINIMAL INFRASTRUCTURAL REQUIREMENTS FOR LODGINGS," REPERTORIO CRONOLOG. DE LEGIS.
EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/71 PGS 108-110 EPA ID# 01154A
*WATER SOLID WASTE

SUDAN

NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH

PM(A) ENGLISH 03/00/71 PGS 1-43 EPA ID# 01976A
PESTICIDES WATER AIR RADIATION NOISE SOLID WASTE

THIS NATIONAL ENVIRONMENTAL REPORT, THE RESULT OF THE WORK OF A COMMITTEE CONVENED UNDER THE AUSPICES OF THE SUDANESE ASSOCIATION FOR THE ADVANCEMENT OF SCIENCES, CONSIDERS ENVIRONMENTAL ISSUES UNDER THREE MAJOR HEADINGS: HUMAN SETTLEMENTS; NATURAL RESOURCES AND THEIR MANAGEMENT; AND POLLUTION AND NUISANCE. TOPICS CONSIDERED UNDER HUMAN SETTLEMENTS ARE: DEMOGRAPHIC AND ECONOMIC ASPECTS OF HUMAN SETTLEMENTS, FAMILY DISINTEGRATION AND CRIME, HEALTH HAZARDS, AND BOTH NATIONAL AND INTERNATIONAL MEASURES FOR DEALING WITH PROBLEMS IN THESE AREAS. DEAL WITH UNDER NATURAL RESOURCES AND THEIR MANAGEMENT ARE: AGRICULTURE, FORST RESOURCES, ANIMAL WEALTH, WATER RESOURCES, WATERSHED MANAGEMENT, MINERAL RESOURCES, AND PAST AND FUTURE ACTION FOR NATIONAL USE OF RESOURCES. SECTIONS DEALING WITH POLLUTION AND NUISANCE REVIEW MAJOR SOURCES OF POLLUTION, INCLUDING BIOLOGICAL AND CHEMICAL POLLUTION AS WELL AS AIR, NOISE, RADIATION, AND SOLID WASTE POLLUTION. NATIONAL AND INTERNATIONAL MEASURES FOR DEALING WITH POLLUTION ARE THEN CONSIDERED.

SWEDEN

"THE PRINCIPAL FEATURES OF THE SWEDISH ENVIRONMENTAL LAW." DEUTSCHES VERWALTUNGSBLATT, V. 86
SCHROER, FRIEDRICH
LR(B) GERMAN 11/01/71 PGS 813-20 EPA ID# 00129C

THIS ARTICLE REVIEWS SWEDISH ENVIRONMENTAL LEGISLATION AS CONTAINED IN THE ENVIRONMENTAL PROTECTION LAW OF 1969 AND ITS IMPLEMENTING LEGISLATION. FIRST DISCUSSED ARE THE AREAS COVERED BY THE LAW, INCLUDING WATER AND AIR POLLUTION AND DISTURBANCES THROUGH NOISE, VIBRATIONS AND LIGHT, BUT NOT, FOR EXAMPLE, RADIOACTIVITY AND OTHER AREAS RELATING TO ATOMIC ENERGY. NEXT DEALT WITH ARE CONDITIONS UNDER WHICH ACTIVITIES HARMFUL TO THE ENVIRONMENT MAY BE PERMITTED, INCLUDING LOCATIONS WHERE SUCH ACTIVITIES ARE ALLOWED AND PROTECTIVE MEASURES WHICH MUST BE TAKEN. NEXT DISCUSSED ARE CONDITIONS UNDER WHICH ENTREPRENEURS MUST EITHER RECEIVE OFFICIAL PERMISSION FOR OR MAKE DECLARATION OF POTENTIALLY POLLUTING ACTIVITIES. OTHER SECTIONS DISCUSS: PROVISIONS FOR ALREADY EXISTING PLANTS AND WATER PURIFICATION INSTALLATIONS; PROCEEDINGS BEFORE THE VARIOUS ENVIRONMENTAL AUTHORITIES; AND GOVERNMENT SUBVENTION OF ANTI-POLLUTION MEASURES.

SWEDEN

NATURVARDSVERKETS ARSBOK 1972 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1972)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PM(A) SWEDISH 00/00/72 PGS 1-174 EPA ID# 01866A
AIR WATER SOLID WASTE NOISE

THIS 1972 REVIEW OF THE ENVIRONMENT IN SWEDEN AND THE ACTIVITIES OF THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD CONTAINS CHAPTERS ON THE FOLLOWING: INTERNATIONAL COOPERATION; ENVIRONMENT PROTECTION IN PARLIAMENT AND GOVERNMENT; RESEARCH ON ENVIRONMENTAL PROTECTION; SURVEY OF SWEDISH WATERS; INCREASED STATE GRANTS FOR ENVIRONMENT PROTECTION MEASURES; THE APPLICATION OF THE ENVIRONMENT PROTECTION ACT; COLLECTING AND DISPOSAL OF REFUSE; WATER PROTECTION; AIR PROTECTION; ENVIRONMENTAL HYGIENE; NATURE CONSERVATION; AND INFORMATION EFFORTS IN ENVIRONMENTAL CONSERVATION. TABULAR PRESENTATIONS ON ACTIVITIES IN VARIOUS ENVIRONMENTAL AREAS ARE ALSO INCLUDED, AS WELL AS A CHART ILLUSTRATING THE ORGANIZATIONAL STRUCTURE OF THE NATIONAL ENVIRONMENT PROTECTION BOARD. A LENGTHY ENGLISH SUMMARY ACCOMPANIES THE YEARBOOK.

SWEDEN

MEMORANDUM CONCERNING ENVIRONMENTAL ACTIVITIES IN SWEDEN
SWEDEN. ROYAL MINISTRY FOR FOREIGN AFFAIRS
PM(A) ENGLISH 01/00/74 PGS 1036 EPA ID# 01867A

THIS MEMORANDUM, PREPARED BY THE ROYAL MINISTRY FOR FOREIGN AFFAIRS AS A SUPPLEMENT TO THE SWEDISH NATIONAL REPORT TO THE UNITED NATIONS ON THE HUMAN ENVIRONMENT AS WELL AS TO OTHER REPORTS PRESENTED BY SWEDEN TO THE 1972 UN CONFERENCE ON THE HUMAN ENVIRONMENT, DEALS WITH RECENT SWEDISH DEVELOPMENTS IN THE ENVIRONMENT FIELD. VARIOUS SECTIONS DEAL WITH: HUMAN SETTLEMENTS, HUMAN HEALTH, HABITAT AND WELL-BEING; LAND, WATER AND DESERTIFICATION, WITH SUBSECTIONS ON SOILS AND DESERTS, ECOSYSTEMS, WATER AND WASTE TECHNOLOGY, AND INTEGRATED PLANNING AND MANAGEMENT METHODS; EDUCATION, TRAINING AND INFORMATION; TRADE, ECONOMICS AND TRANSFER OF TECHNOLOGY; OCEANS, WITH SUBSECTIONS ON MARINE POLLUTION AND CONSERVATION AND MANAGEMENT OF LIVING AQUATIC RESOURCES; CONSERVATION OF NATURE, WILDLIFE AND GENETIC RESOURCES; ENERGY; AND EARTHWATCH.

SWEDEN

NATURVARDSVERKETS ARSBOK 1971 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1971)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PM(A) SWEDISH 00/00/71 PGS 1-237 EPA ID# 01878A
AIR WATER SOLID WASTE

THIS 1971 REVIEW OF THE ENVIRONMENT IN SWEDEN AND THE ACTIVITIES OF THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD CONTAINS CHAPTERS ON THE FOLLOWING AREAS: INTERNATIONAL COOPERATION; ENVIRONMENTAL PROTECTION IN PARLIAMENT AND GOVERNMENT; ENVIRONMENTAL PROTECTION RESEARCH; APPLICATIONS FOR EXEMPTION FROM PERMIT OBLIGATIONS; SUPERVISION UNDER THE ENVIRONMENTAL PROTECTION ACT; SUBSIDIES FOR WATER- AND AIR CONSERVING MEASURES IN INDUSTRY; SULFUR PROBLEMS; MOTOR VEHICLE EXHAUST; NOISE; ENVIRONMENTAL PROBLEMS IN LIVESTOCK PRODUCTION, SLAUGHTERHOUSES AND RENDERING PLANTS, FERTILIZER MANUFACTURE, THE SURFACE TREATMENT INDUSTRY, AND OIL REFINERIES; INVESTIGATORY ACTIVITIES; WATER CONSERVATION IN DENSELY AND SPARSELY POPULATED AREAS; VARIOUS NATURAL CONSERVATION ACTIVITIES; NEW SOLID WASTE LEGISLATION; RECREATIONAL ACTIVITIES; AND INFORMATIONAL WORK IN ENVIRONMENTAL CONSERVATION. PHOTOGRAPHS AND TABLES ARE INCLUDED. A LENGTHY ENGLISH SUMMARY ACCOMPANIES THE YEARBOOK.

SWEDEN

ENVIRONMENTAL RESEARCH 71/72. PUBLICATION 1974:3E
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD
PM(A) ENGLISH 00/00/74 PGS 1-236 EPA ID# 01915A
PESTICIDES WATER AIR NOISE

THIS PUBLICATION CONTAINS BRIEF REPORTS ON THE RESEARCH ACTIVITIES SUPPORTED BY GRANTS FROM THE RESEARCH COMMITTEE OF THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD MAINLY IN THE FISCAL YEAR 1971/72. THE 289 PROJECTS REPORTED ON ARE PRESENTED UNDER THE FOLLOWING MAJOR HEADINGS: BIOLOGICAL EFFECTS AND PESTICIDES; AIR PROTECTION AND NOISE ABATEMENT; NATURE CONSERVATION; WATER MANAGEMENT; AND WILDLIFE BIOLOGY. FOR EACH PROJECT THE FOLLOWING INFORMATION, TO THE EXTENT TO WHICH IT IS AVAILABLE, IS GIVEN: PROJECT NAME; PROJECT MANAGER; GRANTS; OBJECTIVES; PROGRESS; AND PUBLICATIONS. FINAL SECTIONS PROVIDE INFORMATION ON THE ADMINISTRATION OF THE RESEARCH SECRETARIAT, ON PILOT STUDIES, ON GRANTS FOR SYMPOSIA AND TRAVEL, AND ON PUBLISHING ALLOWANCES.

SWITZERLAND

"JUNE 24, 1971 FEDERAL ORDER ON THE REFERENDUM ON CONSTITUTIONAL PROVISIONS ON THE PROTECTION OF MAN AND HIS ENVIRONMENT." SAMMLUNG DER EIDGENOESSICHEN GESETZE
LP(A) GERMAN 00/00/71 PGS 905-906 EPA ID# 01314A

THIS ORDER, THE FULL TITLE OF WHICH IS "JUNE 24, 1971 FEDERAL ORDER ON THE RESULT OF THE JUNE 6, 1971 REFERENDUM ON THE FEDERAL ORDER INTRODUCING INTO THE FEDERAL CONSTITUTION AN ARTICLE ON PROTECTION OF MAN AND HIS NATURAL ENVIRONMENT AGAINST HARMFUL OR TROUBLESOME INFLUENCES," ADDS TO THE FEDERAL CONSTITUTION AN ARTICLE 24 WITH THE FOLLOWING PROVISIONS: (1) THE CONFEDERATION SHALL LEGISLATE ON THE PROTECTION OF MAN AND HIS NATURAL ENVIRONMENT AGAINST HARMFUL OR TROUBLESOME INFLUENCES TO WHICH THEY ARE SUBJECT. IN PARTICULAR IT SHALL CONTROL AIR POLLUTION AND NOISE; (2) THE RESPONSIBILITY FOR ENFORCING THE FEDERAL PROVISIONS SHALL REST WITH THE CANTONS, EXCEPT WHERE SUCH ENFORCEMENT IS RESERVED BY LAW TO THE CONFEDERATION.

GENERAL

SWITZERLAND — AN ENVIRONMENTAL PROTECTION CONCEPT FOR THE CANTON OF BERN." NEUE ZUERCHER ZEITUNG

PM(A) — GERMAN — 02/28/74 — PGS 34 — EPA ID# 01948A

THE BERN ENVIRONMENTAL PROTECTION COMMISSION HAS REQUESTED A GOVERNMENT-CHAIRED STUDY GROUP TO ELABORATE A PRELIMINARY ENVIRONMENTAL PLAN FOR THE CANTON OF BERN, THIS NEWS ARTICLE REPORTS. THE CANTON GOVERNMENT CONSIDERS THE TIME APPROPRIATE TO BEGIN THIS PLANNING, SINCE IN THE SUMMER OF 1974 AT THE LATEST THE FEDERAL GOVERNMENT WILL ANNOUNCE ITS FRAMEWORK CONCEPT FOR THE ENVIRONMENT. CANTONAL DEMANDS FOR A COMPREHENSIVE ENVIRONMENTAL PROTECTION PROGRAM ARE TO BE DRAWN UP WITH DUE ATTENTION TO THE UPCOMING FEDERAL PLAN AND THE NEEDS OF CANTONAL JURISDICTION HEARING WILL BE HELD TO IDENTIFY CANTONAL RESPONSIBILITIES AND TO CONSIDER MEASURES TO CONTROL BOTH THE SYMPTOMS AND CAUSE OF POLLUTION. UPON COMPLETION OF THE STUDY GROUP'S WORK, THE PRELIMINARY PLAN WILL BE SUBMITTED TO THE BERN ENVIRONMENTAL PROTECTION COMMISSION FOR REFINEMENT AND APPROVAL.

SWITZERLAND — "ENVIRONMENTAL PROBLEMS AS A CHALLENGE TO ECONOMIC THEORY AND POLICY." WIRTSCHAFT UND RECHT, V. 24, NO. 1
BINSWANGER, H.C.

SE( ) — GERMAN — 00/00/72 — PGS 32-42 — EPA ID# 01755A
ALSO PMA

THIS ESSAY ON THE ECONOMICS OF THE ENVIRONMENT DISCUSSES THE RELATIONSHIP BETWEEN THE RUINOUS EXPLOITATION OF THE ENVIRONMENT AND THE RESULTING SOCIAL COSTS; THE THEORY OF SOCIAL COSTS; DEMANDS FOR THE INTERNALIZATION OF SOCIAL COSTS; GROWTH AND EXPLOITATION; MINIMAL TOLERANCE LEVELS AND THE REGULATION AND LIMITATION OF ENERGY USE. AMONG THE CONCLUSIONS REACHED ARE THE NEED TO INTERNALIZE EXTERNAL COSTS SO THAT THE COSTS OF ENVIRONMENTAL DAMAGE ARE BORNE BY THE CAUSING INDUSTRIES AND THE NECESSITY FOR QUANTITATIVELY LIMITING ECONOMIC GROWTH AND SO MODIFYING IT THAT A TOTAL DESTRUCTION OF NATURAL RESOURCES IS PREVENTED. THE AUTHOR ALSO FAVORS THE ESTABLISHMENT OF MINIMUM TOLERANCES FOR THE USE OF POLLUTION OF NATURAL RESOURCES SO AS TO PERMIT BIOLOGICAL AND MECHANICAL RECYCLING.

UNITED NATIONS — "EXCERPTS FROM NATIONAL REPORTS." SWEDEN NOW. NO.2

PM(A) — ENGLISH — 00/00/72 — PGS 36-38 — EPA ID# 00776A
ALSO SE
SOLID WASTE NOISE

EXCERPTS ARE GIVEN FROM THE NATIONAL REPORTS PREPARED BY AFGHANISTAN, INDIA, NETHERLANDS, EAST GERMANY, UKRAINIAN SSR, KENYA, CHINA, JAPAN, UNITED STATES, AND WEST GERMANY FOR THE U.N. CONFERENCE ON HUMAN ENVIRONMENT. THEY DEAL WITH SETTLEMENTS, NATURAL RESOURCES, POLLUTANTS OF WATER, AIR AND SOIL, SOCIAL DEVELOPMENT ASPECTS, AND PROPOSALS FOR INTERNATIONAL ACTION. THE EXCERPT FROM INDIA DEALS MAINLY WITH EXTINCTION OF WILDLIFE; HOLLAND IS TROUBLED BY POPULATION AND WATER POLLUTION (ESP. THE RHINE); KENYA TYPIFIES THE PROBLEMS OF DEVELOPING COUNTRIES.

UPPER VOLTA

"DEC. 28, 1970 ORDINANCE NO. 70-68 ESTABLISHING THE PUBLIC HEALTH CODE." INT. DIG. HLTH. LEG., V. 24.

LR(A) WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/73 PGS 642-671 EPA ID# 01815A
RADIATION PESTICIDES WATER NOISE SOLID WASTE

SECTION 2 OF THIS ORDINANCE, ISSUED BY THE MINISTER OF PUBLIC HEALTH UNDER THE 1962 LAW FOR PROTECTION OF PUBLIC HEALTH, AUTHORIZES LOCAL AUTHORITIES TO REGULATE WATER POLLUTION, DISCHARGE OF INDUSTRIAL WASTES, EXCESSIVE NOISE, PESTICIDE USE AND OTHER ENVIRONMENTAL HAZARDS. UNDER SECTIONS 157-162, SALE OF PESTICIDES IS PROHIBITED WITHOUT A LICENSE ISSUED BY THE MINISTER, AND REGULATIONS ARE ESTABLISHED CONTROLLING PURCHASE, SALE, DISTRIBUTION, STORAGE, PACKAGING AND LABELING OF PESTICIDES. PART VI PROVIDES FOR CONTROL OF MEDICAL RADIOLOGICAL EQUIPMENT AND PROHIBITS MANUFACTURE, IMPORT OR EXPORT OF ARTIFICIAL RADIOISOTOPES WITHOUT A LICENSE ISSUED BY THE MINISTER, PRESCRIBING CONDITIONS FOR USE. MEDICAL RADIOLOGICAL EQUIPMENT MAY BE USED ONLY BY COMPETENT MEDICAL TECHNICIANS UNDER SUPERVISION OF A PHYSICIAN. RADIATION WORKERS ARE REQUIRED TO WEAR PRESCRIBED PROTECTIVE CLOTHING AND DOSIMETRIC FILM TO ENSURE THAT MAXIMUM DOSE LEVELS, ESTABLISHED BY THIS ORDINANCE, ARE NOT EXCEEDED. INSTALLATIONS ARE SUBJECT TO INSPECTION.

USSR

COUNCIL OF PROTECTION OF THE ENVIRONMENT ESTABLISHED. FBIS DAILY BROADCAST, SOVIET UNION.

PM(A) ENGLISH 01/22/73 PGS EPA ID# 00778A
ALSO SE
WATER AIR

A SCIENTIFIC AND TECHNICAL COUNCIL ON THE PROBLEMS OF ENVIRONMENTAL PROTECTION AND THE RATIONAL USE OF THE NATURAL RESOURCES HAS BEEN SET UP IN THE SOVIET UNION UNDER THE COMMITTEE FOR SCIENCE AND TECHNOLOGY. THE COUNCIL IS TO DRAW UP NATIONAL PLANS, COORDINATE THE WORK OF RESEARCH INSTITUTIONS, AND TO FINANCE AND SUPERVISE PROGRAM IMPLEMENTATION. STEPS ARE BEING TAKEN TO PREVENT THE POLLUTION OF SOME OF THE MAJOR BODIES OF WATER. CONSIDERABLE FUNDS HAVE BEEN ALLOCATED FOR THE CONSTRUCTION OF WASTEWATER TREATMENT UNITS.

NOISE

FRANCE

"M. DIJOUD: I WILL NOT TOLERATE INDISTRIALISTS' USING THE ENERGY CRISIS AS A PRETEXT." LE MONDE

PM(A) AMBROISE-RENDU, MARC
FRENCH 03/29/74 PGS 13 EPA ID# 01912G
*GENERAL AIR RADIATION

NETHERLANDS — URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)

PM(A) — DUTCH — 00/00/72 — PGS 1-56 — EPA ID# 01620A
ALSO SE AND LR
*GENERAL AIR WATER SOLID WASTE PESTICIDES RADIATION

NETHERLANDS — MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

ST( ) — DUTCH — 05/00/72 — PGS 1-215 — EPA ID# 00934A
ALSO PMB
*GENERAL AIR WATER PESTICIDES SOLID WASTE RADIATION

SPAIN — MEMORIA ESPANOLA SOBRE EL MEDIO AMBIENTAL. (SPANISH MEMORANDUM ON THE ENVIRONMENT)

LR(B) — SPANISH — 00/00/72 — PGS 1-30 — EPA ID# 01044A
ALSO PMA
*GENERAL AIR WATER SOLID WASTE

SPAIN — "JULY 10, 1965 ORDER FIXING THE HIGHEST ADMISSIBLE NOISE LIMITS FOR MOTORCYCLES AND NEW AND USED VEHICLES," DISPOSIC. GEN. - COLECC. LEGIS. DE ESPANA, V. 206. MINISTERIO DE JUSTICIA Y BOLET. OFIC. DEL ESTADO, COMP.

LR(A) — SPANISH — 07/16/65 — PGS 1003-1004 — EPA ID# 01135A

THIS ORDER, ISSUED FROM THE PRESIDENCY, FIXES THE MAXIMUM NOISE LIMITS ADMISSIBLE FOR MOTORCYCLES AND NEW AND USED VEHICLES. IT ESTABLISHMES A PERIOD OF TWO MONTHS FROM THE DATE OF PROMULGATION IN WHICH THESE VEHICLES MUST CONFORM TO THE NEW REQUIREMENTS.

THE ORDER GIVES THE GENERAL BOARD OF IRON AND STEEL INDUSTRIES, WITHIN THE MINISTRY OF INDUSTRY, THE AUTHORITY TO APPROVE MODELS OF SILENCING DEVICES, AND TO PROVINCIAL DELEGATIONS OF THE MINISTRY OF INDUSTRY THE RESPONSIBILITY OF INSPECTING AND MONITOPING THESE DEVICES DURING THEIR MANUFACTURE. THE SPANISH-LANGUAGE TEXT OF THE ORDER FIRST APPEARED IN BOLET. OFIC. DEL ESTADO, JULY 16, 1965.

SPAIN

"MAR. 9, 1971 GENERAL ORDER ON OCCUPATIONAL SAFETY AND HYGIENE," REPERTORIO CRONOLOGICO DE LEGISLACION.
EDITORIAL ARANZADI, COMP.
LP(A) SPANISH 00/00/71 PGS 556-583 EPA ID# 01136A
RADIATION GENERAL

THIS ORDER, ISSUED BY THE LABOR MINISTRY, COMPREHENSIVELY COVERS THE FIELD OF OCCUPATIONAL SAFETY AND HYGIENE. ARTICLE 31 ESTABLISHES STANDARDS TO PROTECT WORKERS FROM EXCESSIVE NOISE. NOISE-PRODUCING MACHINERY MUST BE ISOLATED FROM OTHER INDUSTRIAL EQUIPMENT AND MEET CERTAIN INSTALLATION REQUIREMENTS. THE ORDER REQUIRES THAT WORKERS WEAR HELMETS, EARPLUGS, OR OTHER PROTECTIVE COVERINGS WHEN NOISE REACHES OR EXCEEDS DANGEROUS LEVELS. ARTICLE 133 PLACES UNDER JURISDICTION OF THIS ORDER ALL WORK CENTERS WHERE SUBSTANCES PRODUCING DUSTS, ODORS, GASES, CORROSIVE OR TOXIC FUMES, OR RADIATIONS ARE MANUFACTURED, HANDLED OR USED. ARTICLE 140 CONTAINS SAFETY STANDARDS FOR OCCUPATIONS THAT INVOLVE EXPOSURE TO IONIZING RADIATIONS. THE SPANISH-LANGUAGE TEXT OF THIS ORDER FIRST APPEARED IN BOLETIN OFICIAL DEL ESTADO, MARCH 16, 1971.

SUDAN

NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH
PM(A) ENGLISH 03/00/71 PGS 1-43 EPA ID# 01976A
*GENERAL PESTICIDES WATER AIR RADIATION SOLID WASTE

SWEDEN

NATURVARDSVERKETS ARSBOK 1972 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1972)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PM(A) SWEDISH 00/00/72 PGS 1-174 EPA ID# 01866A
*GENERAL AIR WATER SOLID WASTE

SWEDEN

ENVIRONMENTAL RESEARCH 71/72. PUBLICATION 1974:3E
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD
PM(A) ENGLISH 00/00/74 PGS 1-236 EPA ID# 01915A
*GENERAL PESTICIDES WATER AIR

NOISE

SWITZERLAND "LUCERNE INTENDS TO LIMIT MOTOR BOAT TRAFFIC." NEUE ZUERCHER ZEITUNG, V. 194, NO. 73

EPA
LR(B) GERMAN 03/16/73 PGS 33 ID# 01037A
*WATER

UNITED NATIONS "EXCERPTS FROM NATIONAL REPORTS." SWEDEN NOW. NO.2

EPA
PM(A) ENGLISH 00/00/72 PGS 36-38 ID# 00776A
ALSO SE
*GENERAL SOLID WASTE

UPPER VOLTA "DEC. 28, 1970 ORDINANCE NO. 70-68 ESTABLISHING THE PUBLIC HEALTH CODE." INT. DIG. HLTH. LEG., V. 24.
WORLD HEALTH ORGANIZATION, COMP.

EPA
LR(A) ENGLISH 00/00/73 PGS 642-671 ID# 01815A
*GENERAL RADIATION PESTICIDES WATER SOLID WASTE

PESTICIDES

ISRAEL MONITORING IN ISRAEL
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE

EPA
PM(A) ENGLISH 02/00/74 PGS 1-4 ID# 01903A
*AIR WATER GENERAL

MEXICO "FEBRUARY 26, 1973 PUBLIC HEALTH CODE." DIARIO OFICIAL

EPA
LP(A) SPANISH 03/13/73 PGS 17-51 ID# 01730A
*GENEPAL AIR WATER RADIATION

PESTICIDES

NETHERLANDS — URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)

PM(A) — DUTCH — 00/00/72 PGS 1-56 — EPA ID# 01620A
ALSO SE AND LR
*GENERAL AIR WATER SOLID WASTE RADIATION NOISE

NETHERLANDS — MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

ST( ) — DUTCH — 05/00/72 PGS 1-215 — EPA ID# 00934A
ALSO PMB
*GENERAL AIR WATER NOISE SOLID WASTE RADIATION

PORTUGAL — "DRAFT CONVENTION TO PREVENT POLLUTION OF THE SEAS BY DISCHARGES FROM SHIPS AND AIRCRAFT," DIARIO DO GOVERNO, FIRST SERIES, NO. 283.

LR(A) — PORTUGUESE — 12/06/72 PGS 1839-1842 — EPA ID# 01123A
*WATER SOLID WASTE

RHODESIA — "FERTILIZERS, FARM FEEDS, SEEDS AND REMEDIES ACT, 1953," AS AMENDED (CAP. 186). STATUTE LAW OF SOUTHERN RHODESIA, 1963 REV. ED., V. 4

LR(A) — ENGLISH — 00/00/63 PGS 351-362 — EPA ID# 01790A

SECTION 8 OF THIS ACT PROHIBITS THE SALE OF ANY PESTICIDE UNLESS IT IS REGISTERED WITH THE MINISTER OF AGRICULTURE AND LANDS, IS PACKAGED IN A PROPERLY LABELLED CONTAINER IN THE MANNER PRESCRIBED IN REGULATIONS ISSUED BY THE GOVERNOR-GENERAL, AND MEETS SPECIFICATIONS UNDER WHICH IT WAS REGISTERED. SECTION 24 AUTHORIZES THE GOVERNOR-GENERAL TO ISSUE REGULATIONS ON MANUFACTURE, DISTRIBUTION, SALE, POSSESSION, USE AND DISPOSAL OF PESTICIDES.

PESTICIDES

RHODESIA "FERTILIZERS, FARM FEEDS, SEEDS AND REMEDIES (LABELLING OF PESTICIDES) REGULATIONS, 1965." SUPPL. TO RHODESIA GOV. GAZETTE

LR(A) ENGLISH 10/15/65 PGS 1145-47 EPA ID# 01790B

THESE REGULATIONS, ISSUED BY THE GOVERNOR UNDER THE "ERTILIZERS, FARM FEEDS, SEEDS AND REMEDIES ACT (CAP. 186), ESTABLISH REQUIREMENTS FOR PACKAGING AND LABELLING OF PESTICIDES. THE LABEL MUST BEAR THE NAME OF ACTIVE INGREDIENTS AND THEIR CONCENTRATIONS, INFORMATION ON PROPER USE, SAFETY PRECAUTIONS AND REMEDIES IN CASE OF ACCIDENTAL POISONING, AND WARNINGS ON DANGERS INVOLVED IN USE OF THE PESTICIDE. PART I OF THE SCHEDULE LISTS TOXIC PESTICIDES REQUIRING STRONGER WARNINGS THAN LESS DANGEROUS POISONS.

SOUTH AFRICA "FEB 20, 1970 REGULATION ON DECLARATION OF INSECTICIDAL AND OTHER PESTICIDAL POISONING AS A NOTIFIABLE DISEASE THROUGHOUT THE REPUBLIC." GOVERNMENT GAZETTE, N. 2627.

LR(A) ENGLISH 02/20/70 PGS 6 EPA ID# 01784A
ALSO AFRIKAANS

THIS REGULATION, ISSUED BY THE MINISTER OF HEALTH UNDER SECTION 157 OF THE PUBLIC HEALTH ACT, REQUIRES THAT HEALTH OFFICIALS BE NOTIFIED ABOUT CASES INVOLVING POISONING DUE TO MANUFACTURE, HANDLING, ACCIDENTAL CONSUMPTION OR USE OF INSECTICIDES OR OTHER PESTICIDES.

SOUTH AFRICA "FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK REMEDIES ACT NO. 36 OF 1947," AS AMENDED. STATUTES OF THE REPUBLIC OF SOUTH AFRICA-AGRICULTURAL.

LR(A) ENGLISH 00/00/72 PGS 1009-25 EPA ID# 01789A
ALSO AFRIKAANS

UNDER THIS ACT, PESTICIDES AND OTHER AGRICULTURAL CHEMICALS MAY NOT BE SOLD UNLESS THEY ARE REGISTERED BY THE MINISTER OF AGRICULTURAL, WHO MAY ESTABLISH ADDITIONAL REGULATIONS ON THEIR MANUFACTURE, SALE AND USE. TO BE REGISTERED, A PESTICIDE MUST BE EFFECTIVE AND MEET ANY REQUIREMENTS IMPOSED BY THE REGISTERING OFFICER. IT MUST ALSO BE SHOWN THAT USE OF THE PESTICIDE IS NOT CONTRARY TO THE PUBLIC INTEREST. IF IT IS DETERMINED THAT A REGISTERED PESTICIDE FAILS TO MEET THESE REQUIREMENTS, REGISTRATION MAY BE CANCELLED. TO BE MARKETED, PESTICIDES MUST BE PROPERLY PACKAGED IN CONTAINERS WHICH MEET PRESCRIBED STANDARDS AND ARE LABELLED ACCORDING TO REGULATIONS. THE MINISTER MAY EXCLUDE CERTAIN PESTICIDES FROM PROVISIONS OF THIS ACT. POWERS OF INSPECTION AND PENALTIES FOR VIOLATION ARE ESTABLISHED. THIS ACT WAS AMENDED BY ACT NO. 48 OF 1950, ACT NO. 28 OF 1961 AND ACT NO. 60 OF 1970.

PESTICIDES

SOUTH AFRICA "JUNE 17, 1966 REGULATIONS PERTAINING TO THE REGISTRATION AND SALE OF AGRICULTURAL REMEDIES." GOVERNMENT GAZETTE EXTRAORDINARY, N. 1469.

LP(A) ENGLISH 06/17/66 PGS 4-9 EPA ID# 01789B
ALSO AFRIKAANS

THESE REGULATIONS, ISSUED UNDER SECTION 23 OF THE FERTILIZERS, FARM FEEDS AND REMEDIES ACT, 1947, ESTABLISH PROCEDURES FOR REGISTRATION AND REQUIREMENTS FOR MARKETING OF PESTICIDES AND OTHER AGRICULTURAL REMEDIES. REGISTRATION CERTIFICATES MUST BE RENEWED EVERY YEAR. PACKAGE LABELS MUST INCLUDE, AMONG OTHER THINGS, PERCENTAGE COMPOSITION OF ACTIVE INGREDIENTS, DIRECTIONS FOR USE, AND INFORMATION ON PRECAUTIONARY MEASURES, SYMPTOMS OF POISONING AND EFFECTIVE ANTIDOTES. HIGHLY TOXIC AGRICULTURAL CHEMICALS MUST MEET PACKAGING REQUIREMENTS UNDER THE MEDICAL, DENTAL AND PHARMACY ACT, 1928. PROCEDURES FOR INSPECTION AND ANALYSIS OF PRODUCTS ARE DEFINED. PENALTIES FOR VIOLATION OF THESE REGULATIONS ARE ESTABLISHED.

SOUTH AFRICA POLLUTION BY AGRICULTURE
ADLER, E.

PT( ) ENGLISH 00/00/71 PGS 1-14 EPA ID# 01006A

THIS PAMPHLET CONTAINS THE TEXT OF A STATEMENT ON POLLUTION BY AGRICULTURE IN SOUTH AFRICA, WRITTEN BY E. ADLER, THE DIRECTOR OF THE EXTENSION AND REGULATORY SERVICES OF THE DEPARTMENT OF AGRICULTURE TECHNICAL SERVICES OF THE UNIVERSITY OF STELLENBOSCH. THE STATEMENT WAS PREPARED FOR THE FIRST NATIONAL SOUTH AFRICAN CONFERENCE ON MAN AND HIS ENVIRONMENT. IT DISCUSSES MAN-MADE POLLUTION THROUGH AGRICULTURE, SOIL EROSION, SOIL POLLUTION, AND POLLUTION OF THE VEGETAL COVER OF THE SOIL, AND ENVIRONMENTAL POLLUTION CAUSED THROUGH THE USE OF PESTICIDES. GRAPHS AND PHOTOGRAPHS SUPPLEMENT THE TEXT.

SPAIN "FEBRUARY 23, 1965 ORDER RELATING TO THE SALE AND USE OF PHYTOPHARMACEUTICAL PRODUCTS" INT. DIG. HLTH. LEG., V. 17.
WORLD HEALTH ORGANIZATION, COMP.

IP(A) ENGLISH 00/00/66 PGS 378 EPA ID# 01137A

THIS ORDER CLASSIFIES ALL PHYTOPHARMACEUTICAL PRODUCTS OFFICIALLY REGISTERED WITH THE MINISTRY OF AGRICULTURE INTO THREE GROUPS: (1) HARMLESS OR NON-TOXIC OR PLANTS; (2) MODERATELY DANGEROUS INVOLVING MINIMAL PREVENTIONARY STEPS DURING USAGE: AND (3) HIGHLY DANGEROUS REQUIRING RIGID PRECAUTIONS DURING USAGE. THE ORDER ALSO SETS GUIDELINES FOR THE LABELING OF MODERATELY DANGEROUS PHYTOPHARMACEUTICALS, AND THE SELLING OF HARMLESS AND MODERATELY DANGEROUS PHYTOPHARMACEUTICALS. THE SPANISH-LANGUAGE ORIGINAL APPEARS IN BOLET. OFIC. DEL ESTADO, GAC. DE MADRID, MAR. 3, 1965, NO. 53, PP. 3286-3287.

PESTICIDES

SPAIN "MARCH 22, 1971 ORDER ... ON THE USE OF AGRICULTURAL PESTICIDES CONTAINING DDT"
INT. DIG. HLTH. LEG., V. 23.
WORLD HEALTH ORGANIZATION, COMP. EPA
LR(A) ENGLISH 00/00/72 PGS 796 ID# 01138A

THE MARCH 22, 1971 ORDER, ISSUED BY THE MINISTRY OF AGRICULTURE, BANS THE UTILIZATION OF PLANT PROTECTION PRODUCTS CONTAINING DDT FROM TREATMENT OF: HORITCULTURAL CROPS, CEREALS, PULSE CROPS, FODDER PLANTS, OIL PLANTS, CITRUS AND OTHER FRUITS, AND MUSHROOMS; STORED GRAIN, FODDER, AND OTHER AGRICULTURAL PRODUCTS THAT WOULD BE USED ULTIMATELY AS FOODSTUFFS. THE SPANISH-LANGUGAE ORIGINAL APPEARS IN BOLET. OFIC. DEL ESTADO, GAC. DE MADRID, MAR. 30, 1971, NO. 76, P. 5118.

SUDAN NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH EPA
PM(A) ENGLISH 03/00/71 PGS 1-43 ID# 01976A
*GENERAL WATER AIR RADIATION NOISE SOLID WASTE

SWEDEN ENVIRONMENTAL RESEARCH 71/72. PUBLICATION 1974:3E
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
PM(A) ENGLISH 00/00/74 PGS 1-236 ID# 01915A
*GENERAL WATER AIR NOISE

SWITZERLAND "MAR 21, 1969 FEDERAL LAW ON TRADE IN POISONOUS SUBSTANCES (POISONOUS SUBSTANCES LAW)." SAMMLUNG DER EIDGENOESSISCHEN GESETZE
EPA
LR(A) GERM/ 02/18/72 PGS 430-441 ID# 01321A

PROVISIONS OF THIS LAW APPLY, AMONG OTHER THINGS, TO TRADE IN POISONOUS SUBSTANCES USED FOR PEST CONTROL OR AS AUXILIARY MATERIALS IN AGPICULTURE. THE LAW PROVIDES FOR: A CLASSIFICATION OF POISONOUS SUBSTANCES BASED ON THEIR RELATIVE HARMFULNESS; THE GRANTING OF PERMISSION TO TRADE IN POISONOUS SUBSTANCES; AND THE ENCOURAGEMENT BY THE FEDERAL GOVERNMENT OF RESEARCH IN THE FIELD OF TOXICOLOGY, INCLUDING THE ESTABLISHMENT OF A TOXICOLOGY DOCUMENTATION CENTER. THE CANTONS ARE CHARGED WITH ENFORCEMENT OF THE LAW UNDER THE SURVEILLANCE OF THE FEDERAL GOVERNMENT, WHICH MAY ISSUE GUIDELINES FOR THIS PURPOSE. ALSO PROVIDED FOR ARE THE ESTABLISHMENT BY THE FEDERAL COUNCIL OF A FEDERAL COMMISSION ON POISONOUS SUBSTANCES AND THE APPOINTMENT BY THE FEDERAL INTERIOR DEPARTMENT OF AN EXPERT COMMITTEE ON POISONOUS SUBSTANCES. VARIOUS DUTIES ASSIGNED TO THE FEDERAL PUBLIC HEALTH SERVICE INCLUDE MAINTAINING THE LIST OF POISONOUS SUBSTANCES. (MAJOR PORTIONS OF THIS LAW ARE REPRODUCED IN ENGLISH, INT. DIG. OF HLTH. LEG., V. 23, 1972, PP. 800-807.)

SWITZERLAND "DEC. 23, 1971 DECREE ON PROHIBITED POISONOUS SUBSTANCES." SAMMLUNG DER EIDGENOESSISCHEN GESETZE

LR(A) GERMAN 02/18/72 PGS 474-76 EPA ID# 01321B

THIS DECREE, MADE PURSUANT TO THE MAR. 21, 1969 FEDERAL LAW ON TRADE IN POISONOUS SUBSTANCES, SPECIFIED THE CONDITONS UNDER WHICH THE USE OF CERTAIN POISONOUS SUBSTANCES IS PROHIBITED. AMONG THE PROHIBITED SUBSTANCES LISTED ARE ARSENIC AND ITS COMPOUNDS IN PESTICIDES, AND THALLIUM AND ITS COMPOUNDS AS WELL AS STRYCHNINE IN RODENTICIDES.

SWITZERLAND "DEC. 23, 1971 DECREE IMPLEMENTING THE FEDERAL LAW ON TRADE IN POISONOUS SUBSTANCES (POISONOUS SUBSTANCES LAW)." SAMMLUNG DER EIDGENOESSISCHEN GESETZE

LR(A) GERMAN 00/00/72 PGS 442-73 EPA ID# 01321C
WATER AIR

THIS DECREE IS INTENDED TO IMPLEMENT VARIOUS PROVISIONS OF THE MAR. 21, 1969 POISONOUS SUBSTANCES LAW. VARIOUS SECTIONS DEAL WITH: THE FORM AND CONTENT OF THE POISONOUS SUBSTANCES LIST; THE RIGHT TO TRADE IN SUCH SUBSTANCES; PROTECTIVE MEASURES; THE ENCOURAGEMENT OF KNOWLEDGE ABOUT POISONOUS SUBSTANCES AND POISONING; AND THE ROLES OF THE CANTONAL AUTHORITIES, THE PUBLIC HEALTH SERVICE, AND THE FEDERAL INTERIOR DEPARTMENT IN IMPLEMENTING THE LAW. ARTICLE 63, DEALING WITH THE PROTECTION OF THE ENVIRONMENT, PROHIBITS DISPOSING OF POISONOUS SUBSTANCES ON DUMPS OR OTHER PUBLICLY ACCESSIBLE PLACES; DISCHARGING THEM INTO WATER COURSES OR STAGNANT WATER; OR BURYING THEM IN SUCH A WAY AS TO DANGER THE ENVIRONMENT. IT ALSO PROVIDES THAT IN OPERATIONS DESIGNED TO NEUTRALIZE SUCH SUBSTANCES, CARE MUST BE TAKEN TO PREVENT ANY HARM TO THE ENVIRONMENT THROUGH A GASES, SMOKE, SOOT OR OTHER EMISSIONS. (AN ENGLISH TRANSLATION OF THIS DECREE APPEARS IN INT. DIG. OF HLTH. LEG., V. 23, 1972.)

SWITZERLAND "IDENTIFICATION WILL BE REQUIRED TO PURCHASE POISONOUS PRODUCTS." JOURNAL DE GENEVE

LR(B) FRENCH 02/27/73 PGS 9 EPA ID# 01321D

THIS ARTICLE, BEARING A BERN DATELINE, SUMMARIZES THE PROVISIONS OF A FEDERAL LAW ON THE SALE AND USE OF TOXIC AGENTS. PROMULGATED ON APRIL 1, 1972 AND SLATED TO BE FULLY OPERATIVE IN 1974, THIS LAW REPLACES CERTAIN CANTONAL ORDINANCES AND FILLS THE VOID WHERE NONE EXIST. THE LAW CATEGORIES TOXIC PRODUCTS INTO FIVE CLASSES, AMONG THEM HERBICIDES, PESTICIDES, AND INSECTICIDES, AND PRESCRIBES THE WARNING LABELS, WITH THE SYMBOL AND COLOR DEPENDING ON THE TOXICITY OF THE PRODUCT. ACCORDING TO ITS PROVISIONS, PURCHASERS OF CERTAIN TOXIC PRODUCTS INCLUDING PESTICIDES WILL BE REQUIRED TO IDENTIFY THEMSELVES AT THE TIME OF SALE AND STATE THE PURPOSE FOR WHICH THE PRODUCT WILL BE USED. ONLY CERTAIN SPECIALIZED VENDORS MAY HANDLE SUCH PRODUCTS.

PESTICIDES

THAILAND
"FEBRUARY 22, 1967 POISON ACT" ROYAL THAI GOVERNMENT GAZETTE.
INTERNATIONAL TRANSLATIONS, TRANSL. EPA
LR(A) ENGLISH 03/07/67 PGS 87-94 ID# 01839A

THIS ACT ESTABLISHES A POISON CONTROL BOARD COMPOSED OF THE UNDERSECRETARY OF THE MINISTRY OF AGRICULTURE AS CHAIRMAN, THREE REPRESENTATIVES EACH FROM THE MINISTRY OF AGRICULTURE, MINISTRY OF PUBLIC HEALTH, AND MINISTRY OF INDUSTRY, AND ONE REPRESENTIVE EACH FROM THE MINISTRY OF DEFENSE, MINISTRY OF INTERIOR, MINISTRY OF ECONOMIC AFFAIRS, CUSTOMS DEPARTMENT, AND AGRICULTURE DEPARTMENTS THE BOARD WILL ADVISE AND CONSULT THE MINISTER IN CHARGE CONCERNING THE LISTING AND CONTROL OF POSIONS. REGULATIONS CONCERNING LICENSING FOR IMPORTING, EXPORTING, TAKING IN TRANSIT, MANUFACTURING, AND SELLING POISONS ARE OUTLINED. AGRICULTURAL POISONS SHALL BE WITHIN THE COMPETENCE OF THE MINISTRY OF AGRICULTURE, INDUSTRIAL POISONS WITHIN THE COMPETENCE OF THE MINISTRY OF INDUSTRY, AND OTHER POISONS WITHIN THE COMPETENCE OF THE MINISTRY OF PUBLIC HEALTH. THE MINISTERS OF AGRICULTURE, PUBLIC HEALTH, AND INDUSTRY ARE IN CHARGE OF EXECUTING THIS ACT.

THAILAND
"JUNE 29, 1970 NOTIFICATION OF THE MINISTRY OF AGRICULTURE SPECIFYING THE NAMES OF VIOLENT POISONS" ROYAL THAI GOVERNMENT GAZETTE.
INTERNATIONAL TRANSLATIONS, TRANSL. EPA
LR(A) ENGLISH 07/30/70 PGS 285-292 ID# 01839B

THIS NOTIFICATION BY THE MINISTRY OF AGRICULTURE LISTS SUBSTANCES TO BE SPECIFIED AS VIOLENT POISONS BY VIRTUE OF SECTION 5 OF THE POISON ACT OF 1967. INCLUDED IN THE LIST ARE DINITROBUTYLPHENOL, TAXAPHENE, CARBOPHENOTHION, DICHLORVES, DISULFOTON, PHORATE, PARAXON. METHYL PARATHION, AZINPHOSMETHYL, PHOSPHAMIDON, DIOXATHION, ENDRIN, DIELDRIN, ALDRIN, MOVINPHOS, ALDICARB, AND PINDONE.

UPPER VOLTA
"DEC. 28, 1970 ORDINANCE NO. 70-68 ESTABLISHING THE PUBLIC HEALTH CODE." INT. DIG. HLTH. LEG., V. 24.
WORLD HEALTH ORGANIZATION, COMP. EPA
LR(A) ENGLISH 00/00/73 PGS 642-671 ID# 01815A
*GENERAL RADIATION WATER NOISE SOLID WASTE

PESTICIDES

URUGUAY "FEBRUARY 15, 1950 DECREE NO. 1 AMENDING PROVISIONS RELATING TO THE MANUFACTURE, SALE AND USE OF INSECTICIDES AND FUNGICIDES." INT. DIG. OF HLTH. LEG., V. 3. WORLD HEALTH ORGANIZATION, COMP. EPA

LP(A) ENGLISH 00/00/52 PGS 249 ID# 01694A

THIS DECREE DEALS WITH THE COMPULSORY INSPECTION BY THE MINISTRY OF PUBLIC HEALTH OF THE INGREDIENTS USED IN INSECTICIDES AND FUNGICIDES, OF THE METHOD OF APPLICATION, WITH LABELING AND ADVERTISING AND WITH THE CERTIFICATE ISSUED UPON SATISFACTORY COMPLETION OF THE INSPECTION. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL, MARCH 9, 1950, P. 349.

URUGUAY "AUGUST 1, 1956 DECREE APPROVING REGULATIONS CONTROLLING THE SALE OF INSECTICIDES FUNGICIDES AND SIMILAR PRODUCTS FOR AGRICULTURAL USE." FOOD AND AGRICULTURAL LEGISLATION, V. 6. FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA

LP(A) ENGLISH 00/00/57 PGS 1-13 ID# 01695A

THIS DECREE PROHIBITS URUGUAYAN MANUFACTURERS, IMPORTERS AND/OR DISTRIBUTORS OF INSECTICIDES, FUNGICIDES, PHYTOCIDES AND PHYTOHORMONES AND PRODUCTS FOR SIMILAR AGRICULTURAL USE FROM MARKETING THEM WITHOUT FIRST REGISTERING THEM AND OBTAINING A VENDOR'S LICENSE FROM THE MINISTRY OF STOCKBREEDING AND AGRICULTURE. THE DECREE SETS PROCEDURES FOR LICENSING AND REGISTRATION AND FOR THE LABELING OF THESE PRODUCTS. THE OFFICIAL TEXT APPEARS IN DIARIO OFICIAL, AUG. 24, 1956, P. 5194.

URUGUAY "JUNE 6, 1968 DECREE 367/968 LAYING DOWN RULES FOR THE CONTROL OF THE USE OF PESTICIDES USED IN ANIMAL AND PLANT HEALTH." INT. DIG. OF HLTH. LEG., V. 20. WORLD HEALTH ORGANIZATION, COMP. EPA

LP(A) ENGLISH 00/00/69 PGS 852 ID# 01696A

THIS DECREE AUTHORIZES THE MINISTRY OF ANIMAL HUSBANDRY AND AGRICULTURE TO REGULATE AND, WHEN NECESSARY, PROSCRIBE THE APPLICATION AND USE OF PESTICIDES EMPLOYED IN THE FIELDS OF ANIMAL AND PLANT HEALTH, WHEN THE MINISTRY CONSIDERS THE PESTICIDES PREJUDICIAL TO PUBLIC HEALTH. THE OFFICIAL TEXT APPEARS IN DIARIO OFICIAL DE LA REPUBLICA ORIENTAL DEL URUGUAY, PT. A, V. 251, JUNE 12, 1968, P. 536.

VENEZUELA "JULY 9, 1968 DECREE ISSUING GENERAL PESTICIDE REGULATIONS." FOOD AND AGRICULTURAL LEGISLATION, V. 18.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
LR(A) ENGLISH 12/00/69 PGS 1-11 ID# 01697A

THIS DECREE ASSIGNS TO THE MINISTRY OF HEALTH AND SOCIAL WELFARE RESPONSIBILITY FOR THE CONTROL OF PESTICIDES IN THE PUBLIC HEALTH SPHERE, WITHOUT PREJUDICE TO THOSE FUNCTIONS EXERCISED BY THE MINISTRY OF AGRICULTURE AND LVIESIOCK BREEDING. NO PESTICIDE MAY BE PRODUCED, STORED, TRANSPORTED, IMPORTED, EXPORTED, APPLIED, OR TRADED WITHOUT THE PRIOR ISSUANCE OF A LICENSE BY THE MINISTRY OF HEALTH AND SOCIAL WELFARE, WITH THE APPROVAL OF THE MINISTRY OF AGRICULTURE AND LIVESTOCK BREEDING IN THE CASE OF PESTICIDES USED IN AGRICULTURE, LIVESTOCK BREEDING, AND FORESTRY. THE DECREE CLASSIFIES PESTICIDES IN ACCORDANCE WITH THEIR TOXICITY, SETS PROCEDURES FOR THE LICENSING OF PERSONS TRADING IN PESTICIDES AND FOR THE REGISTRATION OF PESTICIDES, ESTABLISHES RULES FOR THE USE OF PESTICIDES, AND AUTHORIZES THE CONTROL OF ACTIVITIES INVOLVING PESTICIDES. OFFICIAL TEXT APPEARS IN GACETA OFICIAL, JULY 10, 1968, P. 213883-213886.

YUGOSLAVIA "DEC. 23, 1968 REGULATIONS ON MAXIMUM PERMISSIBLE QUANTITIES OF PESTICIDES IN FOODSTUFFS." INT. DIG. HLTH. LEG., V. 20
WORLD HEALTH ORGANIZATION, COMP. EPA
IR(A) ENGLISH 00/00/69 PGS 562-563 ID# 01425A

THESE REGULATIONS, ISSUED BY THE FEDERAL SECRETARY FOR HEALTH AND SOCIAL AFFAIRS, ESTABLISH MAXIMUM PERMISSIBLE CONCENTRATIONS OF PESTICIDE RESIDUES IN FOODS INTENDED FOR HUMAN CONSUMPTION FOODS CONTAINING RESIDUES OF TWO OR MORE PESTICIDES ARE NOT TO BE MARKETED UNLESS COMBINED CONCENTRATION DOES NOT EXCEED MAXIMUM PERMISSIBLE CONCENTRATION OF MOST POISONOUS RESIDUE. FOODS CONTAINING RESIDUES OF TWO OR MORE POISONS HAVING A SYNERGISTIC EFFECT MAY NOT BE MARKETED UNDER ANY CIRCUMSTANCES. UNPROCESSED FOODS WITH EXCESSIVE PESTICIDE RESIDUES MAY BE MARKETED ONLY IF PROCESSING REDUCES RESIDUES TO AN ACCEPTABLE LEVEL. FOODS NOT MEETING REQUIREMENTS OF THESE REGULATIONS ARE NOT TO BE MARKETED FOR HUMAN CONSUMPTION. THE ANNEX LISTS MAXIMUM PERMISSIBLE CONCENTRATIONS FOR NUMEROUS PESTICIDES. (OFFICIAL TEXT IS IN SLUZBENI LIST SFR JUGOSLAVIJE, JAN. 29, 1969, NO. 4, PAGES 150-153).

YUGOSLAVIA "APRIL 4, 1965 LAW ON PRODUCTION AND TRADE IN POISONS." INT. DIG. HLTH. LEG. V. 17
WORLD HEALTH ORGANIZATION, COMP. EPA
IR(A) ENGLISH 00/00/66 PGS 180-181 ID# 01426A

THIS LAW ESTABLISHES AUTHORITY TO REGULATE POISONOUS SUBSTANCES WHICH ARE HAZARDOUS TO LIFE OR THE HEALTH OF THE PUBLIC, AND TO PREVENT INCORRECT USE OF POISONS. THE FEDERAL SECRETARY OF HEALTH AND SOCIAL AFFAIRS IS EMPOWERED TO DETERMINE SUBSTANCES TO BE CONTROLLED AS POISONS, TO REGULATE PRODUCTION, PACKAGING, STORAGE AND MARKETING OF THEM, AND TO MONITOR THEIR USE. ANNEX I LISTS POISONS WHICH CAN BE SOLD ONLY TO PERSONS SPECIALLY AUTHORIZED BY SANITARY INSPECTION AUTHORITIES. ANNEX II LISTS OTHER SUBSTANCES TO BE REGULATED AS POISONS. (OFFICIAL TEXT IS IN SLUZBENI LIST SFR JUGOSLAVIJE, APRIL 6, 1965, NO. 16, PAGES 781-783).

YUGOSLAVIA

"NOV. 2, 1970 INSTRUCTION ON MINIMUM SAFE INTERVAL FOLLOWING TREATMENT OF CROPS WITH PESTICIDES." INT. DIG. HLTH. LEG., V. 23
WORLD HEALTH ORGANIZATION, COMP.
LR(A) ENGLISH 00/00/72 PGS 191-192 EPA ID# 01427A

THIS INSTRUCTION, ISSUED BY THE FEDERAL SECRETARY FOR THE ECONOMY, ESTABLISHES GUIDELINES ON THE MINIMUM TIME INTERVAL BETWEEN THE APPLICATION OF PESTICIDES OR PHYTOPHARMACEUTICAL PRODUCTS AND HARVESTING OF CROPS IN THE FIELD OR USE OF STORED CROPS TREATED WITH SUCH PRODUCTS, NECESSARY TO REDUCE TOXIC RESIDUES TO A NONHAZARDOUS LEVEL. A TABLE IS INCLUDED WHICH LISTS THE MINIMUM TIME INTERVAL NECESSARY FOR 69 TOXIC SUBSTANCES USED ON VARIOUS TYPES OF CROPS. (OFFICIAL TEXT IS IN SLUZBENI LIST SFR JUGOSLAVIJE, AUG 20, 1970, NO. 36, PAGE 1028).

RADIATION

FRANCE

"M. DIJOUD: I WILL NOT TOLERATE INDISTRIALISTS' USING THE ENERGY CRISIS AS A PRETEXT." LE MONDE
AMBROISE-RENDU, MARC
PM(A) FRENCH 03/29/74 PGS 13 EPA ID# 01912G
*GENERAL AIR NOISE

MEXICO

"FEBRUARY 26, 1973 PUBLIC HEALTH CODE." DIARIO OFICIAL
LR(A) SPANISH 03/13/73 PGS 17-51 EPA ID# 01730A
*GENERAL AIR WATER PESTICIDES

NETHERLANDS

URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)
PM(A) DUTCH 00/00/72 PGS 1-56 EPA ID# 01620A
ALSO SE AND LR
*GENERAL AIR WATER SOLID WASTE PESTICIDES NOISE

NETHERLANDS

MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

ST( )

DUTCH 05/00/72 PGS 1-215 EPA ID# 00934A
ALSO PNB
*GENERAL AIR WATER PESTICIDES NOISE SOLID WASTE

SPAIN

"MAR. 9, 1971 GENERAL ORDER ON OCCUPATIONAL SAFETY AND HYGIENE," REPERTORIO CRONOLOGICO DE LEGISLACION.
EDITORIAL ARANZADI, COMP.

LR(A)

SPANISH 00/00/71 PGS 556-583 EPA ID# 01136A
*NOISE GENERAL

SUDAN

NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH

PM(A)

ENGLISH 03/00/71 PGS 1-43 EPA ID# 01976A
*GENERAL PESTICIDES WATER AIR NOISE SOLID WASTE

SWITZERLAND

"TOXIC PRODUCTS, THEIR USE AND DISPOSAL: NECESSARY INFORMATION." JOURNAL DE GENEVE, NO. 172

IP(B)

FRENCH 07/26/73 PGS 7 EPA ID# 01321E
ALSO SE
WATER

THIS NEWS ARTICLE, BEARING A BERN DATELINE AND ADDRESSED PARTICULARLY TO HOUSEHOLDERS, OUTLINES RECENT FEDERAL LEGISLATION GOVERNING THE USE, STORAGE, AND DISPOSAL OF POISONOUS PRODUCTS. THESE PRODUCTS MUST BE KEPT IN THEIR ORIGINAL PACKAGING AND CONTAINERS AND MAY NOT BE SUBSEQUENTLY EMPTIED INTO CONTAINERS USED TO STORE FOODSTUFFS, FODDER, OR MEDICINE. THE ARTICLE DESCRIBES THE VARIOUS CLASSES OF POISONS AND THEIR RESPECTIVE LABELING. THE LEGISLATION ALSO FORBIDS THE DISPOSAL OF POISONS THROUGH THEIR INTRODUCTION INTO STREAMS, STILL WATER BODIES, PUBLIC REFUSE FACILITIES, OR ANY OTHER PLACE ACCESSIBLE TO THE PUBLIC. PUBLIC SEWAGE FACILITIES ARE NOT EQUIPPED TO HANDLE THESE POISONS. THE REMAINS OF POISONS MUST INSTEAD BE RETURNED TO THE SELLER WHO IS RESPONSIBLE FOR RENDERING THEM HARMLESS FREE OF CHARGE. THE RULES FOR THE SALE OF THE VARIOUS CLASSES OF POISONS ARE ALSO CITED.

UPPER VOLTA

"DEC. 28, 1970 ORDINANCE NO. 70-68 ESTABLISHING THE PUBLIC HEALTH CODE." INT. DIG. HLTH. LEG., V. 24.

LR(A)

WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/73 PGS 642-671 EPA ID# 01815A
*GENERAL PESTICIDES WATER NOISE SOLID WASTE

YUGOSLAVIA

"OCT. 7, 1960 REGULATIONS ON SANITARY MEASURES FOR PROTECTION OF DRINKING WATER." INT. DIG. HLTH. LEG., V. 12

LR(A)

WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/61 PGS 640-645 EPA ID# 01423A
*WATER SOLID WASTE

SOLID WASTE

NETHERLANDS

URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)

PM(A)

DUTCH 00/00/72 PGS 1-56 EPA ID# 01620A
ALSO SE AND LR
*GENERAL AIR WATER PESTICIDES RADIATION NOISE

NETHERLANDS

MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

ST( )

DUTCH 05/00/72 PGS 1-215 EPA ID# 00934A
ALSO PMB
*GENERAL AIR WATER PESTICIDES NOISE RADIATION

NEW ZEALAND

"WATERS POLLUTION ACT 1953" (NO. 104), AS AMENDED. THE STATUTES OF NEW ZEALAND 1953.

LR(A)

ENGLISH 00/00/54 PGS 1408-28 EPA ID# 01930A
*WATER

SOLID WASTE

PORTUGAL "DRAFT CONVENTION TO PREVENT POLLUTION OF THE SEAS BY DISCHARGES FROM SHIPS AND AIRCRAFT," DIARIO DO GOVERNO, FIRST SERIES, NO. 283.

LR(A) PORTUGUESE 12/06/72 PGS 1839-1842 EPA ID# 01123A
*WATER PESTICIDES

SPAIN MEMORIA ESPANOLA SOBRE EL MEDIO AMBIENTAL. (SPANISH MEMORANDUM ON THE ENVIRONMENT)

LR(B) SPANISH 00/00/72 PGS 1-30 EPA ID# 01044A
ALSO PMA
*GENERAL AIR WATER NOISE

SPAIN "DEC. 23, 1971 DECREE ON MEASURES AGAINST CONTAMINATION OF RIVERS IN GUIPUZCEA PROVINCE," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/72 PGS 41-42 EPA ID# 01142B
*WATER

SPAIN "DEC 19, 1970 DECREE ON TOURISM SETTING MINIMAL INFRASTRUCTURAL REQUIREMENTS FOR LODGINGS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/71 PGS 108-110 EPA ID# 01154A
*WATER GENERAL

SUDAN NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH

PM(A) ENGLISH 03/00/71 PGS 1-43 EPA ID# 01976A
*GENERAL PESTICIDES WATER AIR RADIATION NOISE

SWAZILAND

LP(A) THE PUBLIC HEALTH ACT, 1969 (ACT 5/1969)

ENGLISH 00/00/69 PGS 1-12 EPA
*WATER ID# 01773A

SWEDEN

PM(A) NATURVARDSVERKETS ARSBOK 1972 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1972)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
SWEDISH 00/00/72 PGS 1-174 EPA
*GENERAL AIR WATER NOISE ID# 01866A

SWEDEN

PM(A) NATURVARDSVERKETS ARSBOK 1971 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1971)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
SWEDISH 00/00/71 PGS 1-237 EPA
*GENERAL AIR WATER ID# 01878A

UNITED NATIONS

PM(A) "EXCERPTS FROM NATIONAL REPORTS." SWEDEN NOW. NO.2

ENGLISH 00/00/72 PGS 36-38 EPA
ALSO SE
*GENERAL NOISE ID# 00776A

UPPER VOLTA

LP(A) "DEC. 28, 1970 ORDINANCE NO. 70-68 ESTABLISHING THE PUBLIC HEALTH CODE." INT. DIG. HLTH. LEG., V. 24.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/73 PGS 642-671 EPA
*GENERAL RADIATION PESTICIDES WATER NOISE ID# 01815A

SOLID WASTE

YUGOSLAVIA

LR(A)

"OCT. 7, 1960 REGULATIONS ON SANITARY MEASURES FOR PROTECTION OF DRINKING WATER." INT. DIG. HLTH. LEG., V. 12
WORLD HEALTH ORGAFIZATION, COMP. EPA
00/00/61 PGS 640-645 ID# 01423A
ENGLISH
*WATER RADIATION

WATER

ISRAEL

PM(A)

MONITORING IN ISRAEL
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
02/00/74 PGS 1-4 ID# 01903A
ENGLISH
*AIR PESTICIDES GENERAL

JAPAN

LR(B)

"POLLUTION INJURY INDEMNIFICATION PROBLEM" THE ORIENTAL ECONOMIST EPA
08/00/73 PGS 8-14 ID# 01895A
ENGLISH
ALSO SE
*GENERAL AIR

JAPAN

PM(A)

"PART OF NAT'L POLLUTION INSTITUTE TO BE OPENED." JAPAN TIMES EPA
03/11/74 PGS 2 ID# 01898A
ENGLISH
*GENERAL AIR

JAPAN

PM(A)

"ENVIRONMENTAL AGENCY REPORT: MASSIVE USE OF OIL CAUSING POLLUTION." JAPAN TIMES EPA
04/27/74 PGS 2 ID# 01965A
ENGLISH
*GENERAL AIR

WATER

MALAYSIA "MALAYSIA PLANS TO CURB POLLUTION." THE JAPAN TIMES
KATIGBAK, JOSE
EPA
LR(B) ENGLISH 11/11/73 PGS 12 ID# 01723A
*GENERAL AIR

MEXICO "FEBRUARY 26, 1973 PUBLIC HEALTH CODE." DIARIO OFICIAL
EPA
LR(A) SPANISH 03/13/73 PGS 17-51 ID# 01730A
*GENERAL AIR PESTICIDES RADIATION

NATO "CCMS TACKLES OIL SPILLS PROBLEM." ASSEGAI; THE MAGAZINE OF THE RHODESIAN ARMY, V. 12, NO. 12 (REPRINT FROM NATO REVIEW)
SPIELMAN, HERBERT
EPA
PM(B) ENGLISH 04/00/73 PGS 23-25 ID# 01335A
ALSO LR

THIS ARTICLE, CITING OIL SPILLAGE FROM TANKERS AS A MAJOR CAUSE OF SEA POLLUTION, DISCUSSES THE WORK BEING DONE BY THE NATO COMMITTEE ON THE CHALLENGES OF MODERN SOCIETY (CCMS). FOLLOWING THE ESTABLISHMENT OF CCMS IN NOVEMBER 1969, IT TACKLED AS A PILOT STUDY THE PROBLEM OF COASTAL WATER POLLUTION, ESPECIALLY OIL SPILLAGE. THE PRINCIPAL PARTICIPANTS IN THE STUDY WERE BELGIUM (THE PILOT COUNTRY), FRANCE, CANADA, AND PORTUGAL. CCMS CONVENED A CONFERENCE IN BRUSSELS IN 1970 ATTENDED BY 14 NATO MEMBER STATES. FROM THIS CONFERENCE EMERGED A SERIES OF DETAILED RECOMMENDATIONS CONCERNING OIL SPILLAGE, SOME OF WHICH ARE BEING IMPLEMENTED ON THE NATIONAL LEVEL. NATO BECAME INVOLVED IN THIS PROBLEM, THE AUTHOR EXPLAINS, BECAUSE 80% OF THE WORLD'S TANKER FLEET IS CONTROLLED BY NATO STATES.

NETHERLANDS URGENTIENOTA: MILIEUHYGIENE (PRIORITY MEMORANDUM: ENVIRONMENTAL HYGIENE)
EPA
PM(A) DUTCH 00/00/72 PGS 1-56 ID# 01620A
ALSO SE AND LR
*GENERAL AIR SOLID WASTE PESTICIDES RADIATION NOISE

WATER

NETHERLANDS — MILIEU-ONDERZOEK IN NEDERLAND (ENVIRONMENTAL RESEARCH IN THE NETHERLANDS)

ST( ) — DUTCH — 05/00/72 PGS 1-215 — EPA ID# 00934A
ALSO PMB
*GENERAL AIR PESTICIDES NOISE SOLID WASTE RADIATION

NEW ZEALAND — "WATERS POLLUTION ACT 1953" (NO. 104), AS AMENDED. THE STATUTES OF NEW ZEALAND 1953.

LP(A) — ENGLISH — 00/00/54 PGS 1408-28 — EPA ID# 01930A
SOLID WASTE

A WATER POLLUTION CONTROL COUNCIL, FORMERLY THE POLLUTION ADVISORY COUNCIL (CHANGED BY ACT NO. 111, 1970), IS ESTABLISHED TO CONDUCT INVESTIGATIONS AND MAKE RECOMMENDATIONS TO THE MINISTER FOR MARINE ON MEASURES FOR CONTROLLING WATER POLLUTION AND COORDINATING ACTIVITIES OF AGENCIES INVOLVED IN POLLUTION CONTROL. IT IS GENERALLY PROHIBITED (WITH EXCEPTION OF LOCAL AUTHORITIES OPERATING SEWAGE SYSTEMS AND, FOR TWO YEARS, CERTAIN INDUSTRIES ALREADY IN OPERATION) TO DISCHARGE POISONOUS OR NOXIOUS SUBSTANCES INTO ANY WATERS, OR TO DUMP REFUSE, DEBRIS OR OTHER LIQUID OR SOLID WASTES CAUSING DETERIORATION OF WATER QUALITY. THE GOVERNOR-GENERAL MAY ESTABLISH PURITY STANDARDS FOR VARIOUS CLASSES OF WATERS AND MAKE REGULATIONS GOVERNING CONDITIONS AND LOCATIONS FOR DISPOSAL OF INDUSTRIAL OR DOMESTIC WASTES, DEFINITION OF POLLUTING SUBSTANCES, OPERATION OF SEWAGE SYSTEMS CONTROLLED BY LOCAL AUTHORITIES, APPOINTMENT OF INSPECTORS, AND OTHER POLLUTION-CONTROL MEASURES. LOCAL AUTHORITIES MAY MAKE BYLAWS, CONFIRMED BY THE MINISTER, ON DISPOSAL OF INDUSTRIAL WASTES.

NEW ZEALAND — "THE WATER POLLUTION REGULATIONS 1963" (NO. 30). STATUTORY REGULATIONS 1963

LP(A) — ENGLISH — 00/00/64 PGS 83-90 — EPA ID# 01930B

THE WATER POLLUTION CONTROL COUNCIL, SET UP BY THE WATER POLLUTION ACT 1953, IS EMPOWERED TO CONDUCT NECESSARY RESEARCH TO CLASSIFY WATERS ACCORDING TO PURITY LEVELS, AND TO REGULATE SOURCES OF INDUSTRIAL AND DOMESTIC POLLUTION. A WATER BODY WHICH IS TO BE CLASSIFIED IS ASSIGNED TO ONE OF EIGHT CATEGORIES ON THE BASIS OF PURITY, USE OR INTENDED USE. NO POLLUTING ACTIVITIES ARE PERMITTED IN CLASS A WATERS. SPECIFIC POLLUTION PARAMETERS ARE ESTABLISHED FOR OTHER CLASSES OF WATER, ENCOMPASSING TEMPERATURE CHANGES, DISTURBANCES IN PH LEVEL OR OXYGEN CONTENT, PRESENCE OF TOXIC SUBSTANCES, OIL OR GREASE, DETERIORATION IN COLOR, ODOR OR TASTE, COLIFORM CONTENT, AND HAZARD TO HUMAN, ANIMAL OR AQUATIC LIFE. ANY CONDUIT EMPTYING INTO A CLASSIFIED WATER BODY MUST BE REGISTERED. IT IS PROHIBITED TO DISCHARGE POLLUTANTS INTO SUCH WATERS EXCEPT THROUGH A REGISTERED CONDUIT IN ACCORDANCE WITH CONDITIONS SET BY THE COUNCIL IN A PERMIT. TEMPORARY PERMIT MAY BE GRANTED TO ENTERPRISES OPERATING BEFORE A WATER BODY IS CLASSIFIED OR RECLASSIFIED.

NIGERIA "OIL IN NAVIGABLE WATERS DECREE 1968." LAWS OF THE FEDERAL REPUBLIC OF NIGERIA ...DECREES AND SUBSIDIARY LEGISLATION MADE IN THE YEAR 1968.

LB(A) ENGLISH 00/00/69 PGS A111-28 EPA ID# 01830A

THIS DECREE ANNOUNCES NIGERIAN ADHERENCE TO THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF THE SEA BY OIL 1954, AS AMENDED IN 1962, AND AIMS TO IMPLEMENT THE CONVENTION BY MAKING LEGISLATIVE PROVISION FOR THE PREVENTION OF OIL POLLUTION IN THE NAVIGABLE WATERS OF NIGERIA. VARIOUS PROVISIONS PROHIBIT AND DESIGNATE AS AN OFFENSE THE DISCHARGE OF CERTAIN OILS BY NIGERIAN SHIPS INTO PROHIBITED SEA AREAS AS WELL AS THE DISCHARGE OF OIL BY ANY VESSEL INTO NIGERIAN WATERS; DETAIL SPECIAL DEFENSES WHICH MAY BE OFFERED BY PERSONS ACCUSED OF DISCHARGING OIL; EMPOWER THE COMMISSION OF TRANSPORT TO MAKE REGULATIONS REQUIRING NIGERIAN SHIPS TO BE FITTED WITH OIL POLLUTION PREVENTION EQUIPMENT AND REQUIRING THE KEEPING OF OIL RECORDS; PROVIDE FOR THE CONSTRUCTION OF HARBOR FACILITIES FOR DISPOSAL OF OIL RESIDUES; AND EMPOWER THE COMMISSIONER OF TRANSPORT TO APPOINT INSPECTORS FOR THE PURPOSES OF THE DECREE. THE PROVISIONS OF THIS DECREE DO NOT APPLY TO SHIPS OF THE NIGERIAN NAVY.

NIGERIA "OIL IN NAVIGABLE WATERS REGULATIONS 1968." LAWS OF THE FEDERAL REPUBLIC OF NIGERIA...DECREES AND SUBSIDIARY LEGISLATION MADE IN THE YEAR 1968.

LB(A) ENGLISH 00/00/69 PGS B377-84 EPA ID# 01830B

THESE REGULATIONS, ISSUED BY THE FEDERAL COMMISSIONER FOR TRANSPORT IN PURSUANCE OF THE OIL IN NAVIGABLE WATERS DECREE 1968, DESCRIBE THE TYPES OF OIL WATER SEPARATORS REQUIRED FOR NIGERIAN SHIPS OF 80 TONS GROSS TONNAGE OR OVER; SPECIFY BOTH THE FORM AND CONTENT OF OIL DISCHARGE AND OIL TRANSFER RECORDS TO BE KEPT BY NIGERIAN SHIPS MEETING THIS DESCRIPTION; AND DETAIL THE PRECAUTIONS TO BE TAKEN WHEN LOADING, DISCHARGING OR BUNKERING OIL.

NIGERIA "PETROLEUM (DRILLING AND PRODUCTION) REGULATIONS 1969." LAWS OF THE FEDERAL REPUBLIC OF NIGERIA....DECREES AND SUBSIDIARY LEGISLATION MADE IN THE YEAR 1969.

LB(A) ENGLISH 00/00/70 PGS B347-72 EPA ID# 01831A

THESE REGULATIONS, ISSUED BY THE COMMISSIONER FOR MINES AND POWER UNDER SECTION 8 OF THE 1969 PETROLEUM DECREE, DEAL WITH THE EXPLORATION, PROSPECTING AND EXPLOITATION OF PETROLEUM SOURCES. NO. 25 REQUIRES HOLDERS OF OIL EXPLORATION OR PROSPECTING LICENSES OR OF OIL MINING LEASES TO TAKE "ALL PRACTICABLE PRECAUTIONS," INCLUDING THE PROVISION OF UP-TO-DATE EQUIPMENT APPROVED BY THE CHIEF PETROLEUM ENGINEER, TO PREVENT POLLUTION OF INLAND WATERS, RIVERS, WATER COURSES, THE TERRITORIAL WATERS OF NIGERIA OR THE HIGH SEAS BY OIL OR OTHER FLUIDS OR SUBSTANCES CAPABLE OF POLLUTING THE WATER, BANKS OR SHORE LINE OR OF HARMING OR DESTROYING FRESH WATER OR MARINE LIFE, AND WHERE ANY SUCH POLLUTION OCCURS OR HAS OCCURRED, TO TAKE PROMPT STEPS TO CONTROL, AND, IF POSSIBLE, END IT. NO. 36 REQUIRES THAT APPARATUSES BE SO MAINTAINED AND OPERATIONS SO CONDUCTED AS TO PREVENT ESCAPE OF PETROLEUM INTO ANY WATER BODY AND TO MINIMIZE DAMAGE TO THE SURFACE OF THE AREA OF OPERATIONS.

NORWAY

"BYGNINGSLOV AV 18. JUNI 1965 MED ENDRINGER SIST VED LOV AV 19. JUNI 1969."
(JUNE 18, 1965 BUILDING ACT AS AMENDED BY THE ACT OF JUNE 19, 1969.)

LP(A) NORWEGIAN 00/00/72 PGS 1-54 EPA ID# 01458A

THIS ACT CONTAINS GENERAL PROVISIONS ON CONDITIONS UNDER WHICH BUILDINGS ARE TO BE CONSTRUCTED, INCLUDING RESTPICTIONS ON LAND USE. SECTION 8 STIPULATES THAT NO CONSTRUCTION MAY TAKE PLACE IN AREAS WHERE SAFE WATER SUPPLY IS NOT AVAILABLE. IT FURTHER PROHIBITS CONSTRUCTION ON A LOT WHERE ADEQUATE PROVISION FOR THE ELIMINATION OF SEWAGE AND WASTE CANNOT BE MADE. SEWAGE LINES, IF THEY EXIST, MUST BE CONNECTED TO THE BUILDING IN QUESTION. THE AUTHORITY FOR THE ENFORCEMENT OF THE ACT RESTS WITH THE COUNTY COUNCILS AND THE CHIEF ADMINISTRATIVE OFFICER OF THE INDIVIDUAL COUNTY IN QUESTION, ALTHOUGH FINAL AUTHORITY RESTS WITH THE MINISTRY OF LOCAL AFFAIRS. THE ACT ALSO PROVIDES FOR LOCAL BUILDING COUNCILS TO SERVE AS LOCAL ADMINISTRATIVE BODIES FOR ENFORCING THE ACT.

PAKISTAN

"THE CANAL AND DRAINAGE ACT, 18973," AS AMENDED. THE PAKISTAN CODE, VOL. 2

LP(A) ENGLISH 00/00/66 PGS 179-205 EPA ID# 01944A

THIS GENERAL WATER ACT CONTAINS PROVISIONS ON: THE APPLICATION OF WATER FOR PUBLIC PURPOSES: THE CONSTRUCTION AND MAINTENANCE OF WATERWORKS; THE WATER SUPPLY; WATER-RATES; CANAL NAVIGATION; AND DRAINAGE. AMONG THE ACTIVITIES LISTED AS OFFENSES UNDER THE ACT IS CORRUPTING OR FOULING THE WATER OF ANY CANAL "SO AS TO RENDER IT LESS FIT FOR THE PURPOSES FOR WHICH IT IS ORDINARILY USED."

PERU

"FEBRUARY 11, 1965 SUPREME DECREE NO. 38-65-DGS TO SUPPLEMENT . . . THE REGULATIONS FOR THE SANITARY CONTROL OF BEACHES . . ." INT. DIG. OF HLTH. LEG., V. 17. WORLD HEALTH ORGANIZATION, COMP.

LP(A) ENGLISH 00/00/66 PGS 377 EPA ID# 01691A

THIS DECREE SUPPLEMENTS THE PROVISIONS OF THE OCT. 7, 1960 SUPREME DECREE REGULATING THE SANITARY CONTROL OF BEACHES AND ANCILLARY ESTABLISHMENTS. THE DECREE STATES THAT HEALTH REGIONS COMPRISED OF COASTAL STRETCHES ARE RESPONSIBLE FOR CONTROLLING THE DISCHARGE OF INDUSTRIAL EFFLUENTS INTO THE SEA, THROUGH THE INTERMEDIARY OF THE COMPETENT TECHNICAL OFFICE FOR ENVIRONMENTAL HEALTH. IT REQUIRES INDUSTRIAL PLANTS TO TREAT THEIR EFFLUENTS BEFORE DISCHARGING THEM ONTO THE BEACHES AND TO DISCHARGE THEM INTO THE SEA IN SUCH A MANNER TO REDUCE TO A MINIMUM THEIR HARMFULNESS. THE DECREE ALSO STIPULATES THE TECHNICAL REQUIREMENTS FOR THE TREATMENT OF EFFLUENTS. PLANS FOR INDUSTRIAL DISCHARGE INTO THE SEA OR THE ESTUARIES OR FOR THE TREATMENT OF THESE WASTES PRIOR TO DISCHARGE MUST BE APPROVED BY THE GENERAL DIRECTORATE OF HEALTH ON THE BASIS OF A REPORT FROM THE APPROPRIATE TECHNICAL OFFICE AND FROM THE DIVISION OF ENVIRONMENTAL HYGIENE. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN EL PERUANO, FEB. 25, 1965, P. 1.

PERU

"JULY 24, 1969 DECREE-LAW NO. 17.752: GENERAL WATER ACT." FOOD AND AGRICULTURAL LEGISLATION, V. 19.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
LP(S) ENGLISH 06/00/70 PGS 1-30 ID# 01692A

ARTICLES 22 THROUGH 25 (CHAPTER II) OF THIS GENERAL ACT CONCERN THE PRESERVATION OF WATER RESOURCES FROM CONTAMINATION. THEY PROHIBIT THE DISCHARGE OR DISPOSAL OF ANY SOLID, LIQUID, OR GASEOUS WASTES THAT MAY POLLUTE WATERS, THEREBY CAUSING DAMAGE OR ENDANGERING HUMAN HEALTH OR THE NATURAL GROWTH OF FLORA AND FAUNA, OR JEOPARDIZING THE USE OF WATER FOR OTHER PURPOSES. THESE WASTES MAY BE DISCHARGED ONLY IF THEY HAVE BEEN SUBJECTED TO NECESSARY TREATMENT, IF THE CONDITIONS OF THE CONTAINING FEATURE DEMONSTRABLY PERMIT NATURAL PURIFICATION, IF THE DUMPING OF WASTES INTO THE SEA DOES NOT PREJUDICE THE LATTER'S USE, OTHERWISE ONLY AS PROVIDED IN THESE REGULATIONS. HEALTH AUTHORITIES SHALL APPLY MEASURES FOR ENFORCEMENT AND, IF POLLUTION IS UNAVOIDABLE, WITHDRAW SUCH WATERS FROM USE OR CURTAIL THE ACTIVITIES ASSOCIATED WITH THE WATERS. THE AUTHORITIES SHALL SET LIMITS FOR HARMFUL SUBSTANCES ACCORDING TO THE INTENDED USE OF THE WATER. THE SPANISH VERSION OF THIS ACT MAY BE FOUND IN EL COMMERCIO, JULY 24, 1969, P. 5.

PERU

"DEC. 24, 1973 DECREE LAW (EXPROPRIATING CERRO DE PASCO MINING CORPORATION)" EL PERUANA.
EPA
LP(A) SPANISH 12/03/73 PGS 1-2 ID# 01747A
GENERAL

THIS LAW BY THE REVOLUTIONARY GOVERNMENT OF PERU ORDERS THE EXPROPRIATION OF THE MINERAL-METALLURGICAL COMPLEX AND OTHER ASSETS WHICH WERE THE PROPERTY OF CERRO DE PASCO CORP., A PERU SUBSIDIARY OF THE CERRO CORP. THE LAW CITES ALLEGED POLLUTING ACTIVITIES OF THE COMPANY AS THE REASON IN PART FOR THE EXPROPRIATION. THE GOVERNMENT ACCUSES THE CORPORATION OF POLLUTING THE WATERS OF LAKE HUASCACHA AND THOSE OF THE RIVERS RIMAC, MANTARO AND SAN JUAN AND OF FAILING TO CORRECT THE ENVIRONMENTAL CONTAMINATION CAUSED BY ITS FOUNDRY AND METALLURGIC INSTALLATIONS IN THE CITY OF LA OROYA. THE LAW AUTHORIZES THE MINISTRY OF ENERGY AND MINES TO TAKE POSSESSION OF THE CORPORATION.

PHILIPPINES

"AN ACT CREATING A PUBLIC CORPORATION TO BE KNOWN AS THE NATIONAL WATERWORKS AND SEWERAGE AUTHORITY (REPUBLIC ACT NO. 1383). "OFFICIAL GAZETTE, VOL. 51, NO. 9
EPA
LP(A) ENGLISH 09/00/55 PGS 4461-67 ID# 01940A

THIS ACT, AS AMENDED BY REPUBLIC ACT NO. 3597 (OFFICIAL GAZETTE, VOL. 59, NO. 36, SEPT. 9, 1963, PP. 6022-26), CREATES THE NATIONAL WATERWORKS AND SEWERAGE AUTHORITY. IT DEALS WITH MATTERS CONCERNING ITS COMPOSITION AND ADMINISTRATION, AND LISTS ITS POWER AND FUNCTIONS, AMONG WHICH ARE: HANDLING OPERATIONS RELATING TO WATER SUPPLY, INCLUDING THE PURIFICATION OF WATER AND REGULATION OF ITS CONTROL AND USE; THE CONSTRUCTION, MAINTENANCE, OPERATION, ETC. OF SANITARY SEWERS AND THE COLLECTION OF SUMS FOR THEIR CONSTRUCTION AND USE; THE CONSTRUCTION, MAINTENANCE, ETC. OF STORM DRAINS, ARTESIAN WELLS, AND SPRINGS; AND THE ISSUANCE OF REGULATIONS FOR THE SANITARY PROTECTION OF WATERSHEDS, RESERVOIRS, AND OTHER WATER SOURCES, FOR THE PROPER OPERATION OF SANITARY SEWERS, AND FOR THE PROTECTION OF THE WATER AND SEWER SERVICE. THE AUTHORITY IS TO EXIST AS AN INDEPENDENT AGENCY UNDER THE DEPT. OF PUBLIC WORKS AND COMMUNICATIONS AND IS GIVEN OWNERSHIP AND CONTROL OF ALL WATER AND SEWER DISTRIBUTING OF THE REPUBLIC.

WATER

PHILIPPINES "SEWER USE REGULATIONS, RESOLUTION NO. 75-71 (OF THE NATIONAL WATERWORKS AND SEWERAGE AUTHORITY)." OFFICIAL GAZETTE, VOL. 67, NO. 16

EPA

LP(A) ENGLISH 04/19/71 PGS 2937-41 ID# 01940B

THESE REGULATIONS, ISSUED PURSUANT TO REPUBLIC ACT NO. 1383, CREATING THE NATIONAL WATERWORKS AND SEWERAGE AUTHORITY, CONTAIN PROVISIONS RELATING TO THE CONVEYANCE OF INDUSTRIAL WASTES FROM INDUSTRIAL ESTABLISHMENTS TO SANITARY SEWERS; THE ISSUANCE OF PERMITS FOR DISCHARGE OF ANY BUT NORMAL WASTE WATERS; DISPOSAL OF UNCONTAMINATED WASTES; CHARGES FOR USE OF SANITARY SEWERS AND THE SYSTEM FOR CALCULATING SUCH CHARGES; PAYMENT OF SURCHARGES FOR SEWERAGE; PROHIBITED WASTES; DISCHARGE OF RADIOACTIVE WASTES; UNUSUAL WASTES; THE INSTALLATION OF GREASE, OIL, AND GRIT TRAPS; THE STORAGE OF DANGEROUS MATERIALS; THE PROVISION OF CONTROL STRUCTURES TO FACILITATE THE OBSERVATION, SAMPLING AND MEASUREMENT OF WASTES; THE REPORTING OD DISCHARGES; THE INSPECTION OF PREMISES; AND PENALTIES FOR VIOLATIONS OF THE REGULATIONS.

PHILIPPINES "AN ACT (REPUBLIC ACT NO. 3931) CREATING THE NATIONAL WATER AND AIR POLLUTION CONTROL COMMISSION. DATED 18 JUNE 1964." OFFICIAL GAZETTE, VOL. 60, NO. 45

EPA

LP(A) ENGLISH 06/18/64 PGS 7345-52 ID# 01941A
AIR

THIS ACT ESTABLISHES A NATIONAL WATER AND AIR POLLUTION COMMISSION, WHICH IS AUTHORIZED TO DETERMINE THE PRESENCE OF WATER OR AIR POLLUTION IN THE PHILIPPINES, TO PROMULGATE RULES AND REGULATIONS, TO ISSUE ORDERS REQUIRING THE CESSATION OF POLLUTION CAUSING ACTIVITIES, AND TO ISSUE AS WELL AS TO MODIFY OR REVOKE PERMITS FOR THE DISCHARGE OF SEWAGE AND OTHER WASTES. AMONG OTHER STATED RESPONSIBILITIES OF THE COMMISSION ARE TO PREPARE AND DEVELOP A COMPREHENSIVE PLAN FOR DEALING WITH BOTH EXISTING AND POTENTIAL WATER AND AIR POLLUTION PROBLEMS AND TO ISSUE STANDARDS, RULES AND REGULATIONS FOR SEWAGE WORKS AND INDUSTRIAL WASTE DISPOSAL SYSTEMS. THE ACT ALSO PROHIBITS THE DISCHARGING INTO WATER OR THE ATMOSPHERE ANY SUBSTANCE LIKELY TO CAUSE POLLUTION. IN ADDITION, CERTAIN ACTIVITIES INCLUDING THE CONSTRUCTION, INSTALLATION, MODIFICATION, OR OPERATION OF A SEWAGE WORKS OR THE CONSTRUCTION, ETC. OF ANY POTENTIALLY POLLUTING INDUSTRIAL OR COMMERCIAL ESTABLISHMENT ARE TO REQUIRE A PERMIT FROM THE CITY OR DISTRICT ENGINEER.

PHILIPPINES "NATIONAL WATER AND AIR POLLUTION CONTROL COMMISSION. RULES AND REGULATIONS." OFFICIAL GAZETTE, VOL. 63, NO. 28

EPA

LP(A) ENGLISH 07/07/67 PGS 5999-6018 ID# 01941B
AIR

THESE RULES AND REGULATIONS HAVE BEEN MADE PURSUANT TO THE REPUBLIC ACT NO. 3931 OF JUNE 18, 1964, CREATING THE NATIONAL WATER AND AIR POLLUTION CONTROL COMMISSION. PROVISIONS COVERING BOTH AIR AND WATER POLLUTION REQUIRE PERSONS RESPONSIBLE FOR DISCHARGE OF EFFLUENTS OR EMISSION OR AIR CONTAMINANTS TO PROVIDE SAMPLING AND TESTING EQUIPMENT TO DETERMINE THE NATURE, EXTENT, QUANTITY AND DEGREE OF POLLUTION CAUSED BY THEIR OPERATIONS. IN ADDITION AUTHORIZATION IS REQUIRED FOR THE ERECTING, ALTERING, REPLACING, ETC. OF ANY ARTICLE, MACHINE, OR EQUIPMENT WHICH MAY RESULT IN INCREASED POLLUTION OR IS DESIGNED TO REDUCE POLLUTION; PERMITS TO OPERATE SUCH FACILITIES ARE ALSO REQUIRED. THE COMMISSION MAY ALSO DEMAND THAT TESTS BE CARRIED OUT ON SUCH FACILITIES. UNDER WATER PROVISIONS, A "BEST USAGE" SYSTEM IS ESTABLISHED, UNDER WHICH THE COMMISSION IS TO CLASSIFY WATERS AND DETERMINE WHAT QUALITY STANDARDS THEY MUST MEET. AIR POLLUTION PROVISIONS INCLUDE MAXIMUM PERMISSIBLE LEVELS FOR EMISSION OF CERTAIN SUBSTANCES AND GUIDELINES ON SULFUR CONTENT OF FUELS.

POLAND

13(B) "ENVIRONMENT LAW IN POLAND." RECHT IN OST UND WEST, V. 16, NO. 3
LAMMICH, SIEGFRIED
GERMAN 05/15/72 PGS 123-126 EPA
ALSO PMA ID# 01045A
*GENERAL AIR

PORTUGAL

15(A) "DRAFT CONVENTION TO PREVENT POLLUTION OF THE SEAS BY DISCHARGES FROM SHIPS AND AIRCRAFT," DIARIO DO GOVERNO, FIRST SERIES, NO. 283.
PORTUGUESE 12/06/72 PGS 1939-1942 EPA
SOLID WASTE PESTICIDES ID# 01123A

THIS PROPOSED INTERNATIONAL AGREEMENT WAS DRAWN UP IN OSLO ON FEB. 15, 1972 AS A CONSEQUENCE OF A "CONFERENCE ON THE POLLUTION OF THE SEAS" WHICH TOOK PLACE IN LISBON DURING OCT. 19 TO 22, 1971 AND WAS ATTENDED BY REPRESENTATIVES OF EUROPEAN NATIONS FROM THE NORTHEAST ATLANTIC REGION IF RATIFIED BY THE PORTUGUESE GOVERNMENT, THE CONVENTION WOULD PROHIBIT PORTUGUESE SHIPS AND AIRCRAFT FROM DISCHARGING INTO THE OCEAN SUBSTANCES CONTAINING ORGANIC HALOGEN COMPOUNDS, ORGANIC SILICON COMPOUNDS, MERCURY AND ITS COMPOUNDS, CADMIUM AND ITS COMPOUNDS, PLASTICS AND OTHER SYNTHETICS, AND THOSE SUBSTANCES CONSIDERED TO BE CANCERIGENIC BY THE SIGNATORY NATIONS. THE DISCHARGE OF ARSENIC, LEAD, COPPER, ZINC, CYANIDE, FLUORINE, PESTICIDES AND THEIR DERIVATIVES, GARBAGE, TAR AND SUBSTANCES WHICH IN LARGE QUANTITIES WOULD BE HARMFUL TO SEA LIFE WOULD BE PROHIBITED PENDING SPECIAL FUTURE CONSIDERATION BY A REGULATORY COMMISSION THAT WOULD BE CREATED UNDER THE CONVENTION'S ARTICLE 16 AND COMPOSED OF REPRESENTATIVES FROM THE SIGNATORY NATIONS.

RHODESIA

1P(A) "WATER ACT, 1927," AS AMENDED (CAP 268). STATUTE LAW OF SOUTHERN RHODESIA, 1963 REV. ED., V. 7.
ENGLISH 00/00/63 PGS 597-601 EPA
ID# 01791A

SECTION 135-135E OF THIS ACT, UPDATED BY THE WATER AMENDMENT ACT, 1970 (NO. 7), STRENGTHEN WATER POLLUTION CONTROL MEASURES. IT IS PROHIBITED TO CAUSE POLLUTION OF PUBLIC OR PRIVATE WATERS BY DISCHARGING WASTEWATER DIRECTLY OR ALLOWING SEEPAGE OR DRAINAGE TO CONTAMINATE WATER RESOURCES. ANY EFFLUENTS ENTERING SUCH WATERS MUST CONFORM TO STANDARDS SET BY THE DESIGNATED MINISTER (MINISTER OF WATER DEVELOPMENT). THE MINISTER MAY, AFTER CONSULTING THE MINISTER OF HEALTH, EXEMPT CERTAIN ENTERPRISES FROM THE ABOVE PROVISIONS UNLESS HE IS OVERRULED BY THE WATER COURT.

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WATER

RHODESIA

"WATER POLLUTION CONTROL (WASTE AND EFFLUENT WATER STANDARDS) REGULATIONS, 1971." SUPPL. TO RHODESIA GOV. GAZETTE.

EPA

LR(A) ENGLISH 07/23/71 PGS 257-262 ID# 01791P

THESE REGULATIONS, ISSUED BY THE MINISTER OF WATER DEVELOPMENT UNDER SECTION 135E OF THE WATER ACT, APPLY TO EFFLUENTS FROM INDUSTRIES, MINES, POWER PLANTS OR SEWAGE DISPOSAL SYSTEMS ENTERING PRIVATE OR PUBLIC WATERS DIRECTLY OR THROUGH SEEPAGE OR DRAINAGE. EFFLUENTS MUST NOT POLLUTE WATER WITH RADIOACTIVE SUBSTANCES OR ANYTHING PRODUCING ODOR, COLOR OR TASTE. GENERAL NATIONAL STANDARDS TO WHICH ALL EFFLUENTS MUST CONFORM, AS WELL AS MORE STRINGENT REQUIREMENTS FOR ENVIRONMENTALLY SENSITIVE AREAS, ARE ESTABLISHED TO REGULATE PH LEVEL, TEMPERATURE, DISSOLVED OXYGEN CONTENT, CHEMICAL OXYGEN DEMAND, TOTAL CONTENT OF DISSOLVED AND SUSPENDED SOLIDS, PRESENCE OF SOAP, OIL OR GREASE, CALCIUM-MAGNESIUM RATIO, SODIUM ABSORPTION RATIO, AND CONCENTRATION OF PESTICIDES AND OTHER POISONOUS RESIDUES. PART II PRESCRIBES PROCEDURES FOR SAMPLING AND ANALYZING EFFLUENTS. THE SCHEDULES LIST ENVIRONMENTALLY SENSITIVE WATER BODIES AND MAXIMUM PERMISSIBLE CONCENTRATIONS FOR CERTAIN TOXIC CHEMICALS.

ROMANIA

"REFLECTIONS ON THE PROBLEM OF ENVIRONMENTAL PROTECTION AND THE ROLE OF LAW IN ESTABLISHING THE ECOLOGICAL BALANCE." REVUE ROUMAINE DES SCIENCES SOCIALES, V. 16, NO. 1

BRADEANU, SALVATOR

EPA

LP(B) FRENCH 00/00/72 PGS 31-40 ID# 01039A

AIP

THIS ARTICLE RECOUNTS BROADLY THE HISTORY OF ROMANIAN LEGISLATION TO PROTECT THE ENVIRONMENT, THE LARGELY INEFFECTIVE LAWS PROMULGATED BY PRE-COMMUNIST GOVERNMENTS, THE INCREASED ATTENTION TO THE ENVIRONMENT UNDER THE PRESENT SOCIALIST GOVERNMENT, AND SPECIFIES THE NATIONAL MINISTRIES AND AGENCIES WHEREIN RESIDE ANTI-POLLUTION RESPONSIBILITIES. THE ARTICLE ALSO DESCRIBES BRIEFLY THE ROLE OF THE ACADEMY OF THE SOCIALIST REPUBLIC OF ROMANIA IN CATALOGING SOURCES OF POLLUTION. CURRENT LAWS FOR THE PROTECTION OF THE ENVIRONMENT HAVE THE DISADVANTAGE OF BEING SCATTERED THROUGHOUT VARIOUS LEGISLATIVE ACTS AND THUS FAIL TO HAVE THE NECESSARY EDUCATIVE IMPACT. THE AUTHOR IS OF THE OPINION THAT, GIVEN THE PRESENT STATE OF DEVELOPMENT OF THE NATIONAL ECONOMY, THE TIME HAS COME TO ESTABLISH A UNIFIED LEGISLATIVE CODE FOR ENVIRONMENTAL PROTECTION.

ROMANIA

"MAY 16, 1963 RESOLUTION. . . RELATING TO MEASURES FOR THE LIMINATION OF WATER POLLUTION IN THE ROMANIAN PEOPLE'S REPUBLIC INT. DIG. HLTH. LEG., V. 18.

WORLD HEALTH ORGANIZATION, COMP.

EPA

LP(A) ENGLISH 00/00/67 PGS 803-808 ID# 01374A

RESOLUTION NO. 311 WAS ISSUED ON MAY 16, 1963 BY THE COUNCIL OF MINISTER TO PRESENT WIDE GUIDELINES FOR THE CREATION, CONTROL AND COORDINATION OF NATIONAL AND LOCAL AGENCIES INTENDED TO CONTROL WATER POLLUTION GENERATED BY INDUSTRIAL INSTALLATIONS. GOVERNMENT AGENCIES RELATED TO INDUSTRY ARE EXPECTED TO DEVELOP INVESTIGATORY AND RESEARCH BODIES TO STUDY THE PROTECTION OF WATER QUALITY, AND TO INITIATE PLANS FOR MODIFICATION OF MANUFACTURING PROCESSES. ARTICLE 14 ENTRUSTS THE PLANNING OF TECHNICAL TRAINING NEEDED TO OPERATE WATER TREATMENT PLANTS TO THE MINISTRY OF EDUCATION AND STATE WATER COMMITTEE. ANNEX 7 DEFINES THE STRUCTURE AND FUNCTIONS OF THE STATE WATER INSPECTORATE. THE ROMANIAN-LANGUAGE ORIGINAL APPEARS IN COLECT. DE HOTAR, SI DISPOZ. ALE CONSIL. DE MINISTER, AL REPUB. POP. ROM., JUNE 1, 1963, NO. 19, PP. 259-272.

ROMANIA

"MAY 23, 1963 RESOLUTION ... TO APPPOVE THE INSTRUCTIONS FOR THE VERIFICATION AND PUNISHMENT OF CONVENTIONS IN REGARD TO WATERS" INT. DIG. HLTH. LEG., V. 18.
WORLD HEALTH ORGANIZATION, COMP.

LP(A) ENGLISH 00/00/67 PGS 809-811 EPA ID# 01375A

RESOLUTION NO. 342, ISSUED BY THE COUNCIL OF MINISTERS ON MAY 23, 1963 DESCRIBES IN DETAIL ACTIVITIES OR ACTIONS THAT WOULD BE CONSIDERED CONTRARY TO THE CONTROL OF WATER POLLUTION. THE RESOLUTION ALSO INCLUDES STATEMENTS ON ASSESSMENT OF DAMAGE, APPLICATION OF PENALTIES AND RIGHT OF APPEAL. THE ROMANIAN-LANGUAGE ORIGINAL IS FOUND IN COLECT. DE HOTAR, SI DISPOZ. ALE CONSIL. DE MINISTR. AL REPUBL. POP. ROM., JUNE 1, 1963, NO. 18, PP. 273-279.

ROMANIA

"STATE STANDARD STAS E 4706-66 RELATING TO THE QUALITY CONDITIONS OF SURFACE WATERS" INT. DIG. HLTH LEG., V. 18.
WORLD HEALTH ORGANIZATION, COMP.

LP(*) ENGLISH 00/00/67 PGS 811-822 EPA ID# 01376A

THIS STANDARD WAS PREPARED BY THE STATE WATER COMMITTEE WITH APPPOVAL OF THE GENERAL DIRECTORATE OF METEROLOGY, STANDARDS AND INVENTIONS ON JULY 2, 1966. IT PRESENTS IN SEVERAL PROVISIONS, INCLUDING AN ASSORTMENT OF TABLES, THE QUALITY CONDITIONS WHICH MUST BE SATISIFED IN MEASURES AND WORK INVOLVING THE DISCHARGE OF WASTE AND METEORIC WATERS INTO LAKES, RESERVOIRS, POOLS, RIVERS AND OTHER SURFACE WATERS.

ROMANIA

"NOV. 15, 1967 DECREE ... RELATING TO THE SANITARY PROTECTION OF ... DRINKING WATER AND OF MINERAL WATERS FOR INTERNAL MEDICINAL USE" INT. DIG. HLTH. LEG., V.20
WORLD HEALTH ORGANIZATION, COMP.

LP(A) ENGLISH 00/00/69 PGS 303-308 EPA ID# 01377A

DECREE NO. 1059, ISSUED ON NOV. 15, 1967 BY THE COUNCIL OF STATE, RELATES TO THE SANITARY PROTECTION OF THE SOURCES, WORKS AND CENTRAL INSTALLATIONS FOR THE SUPPLY OF DRINKING WATER AND OF MINERAL WATERS FOR INTERNAL MEDICINAL USE. IT DEFINES IN DETAIL THE SOURCES OF WATERS IT AIMS TO PROTECT AND CREATES A SYSTEM OF LAND ZONING TO ENSURE WATER QUALITY. THE DECREE FORBIDS CERTAIN ACTIVITIES OR WORKS FROM BEING EXECUTED AND CERTAIN ESTABLISHMENTS FROM BEING BUILT IN THE ZONES SURROUNDING WATER SOURCES. SECTION 26 REPEALS THE 1952 RESOLUTION, NO. 608, PASSED BY THE COUNCIL OF MINISTERS, WHICH ESTABLISHED SANITARY PROTECTION ZONES FROM SOURCES OF DRINKING WATER. THE ROMANIAN-LANGUAGE ORIGINAL APPEARS IN BULETIN, OFIC. AL REPUB. SOC. ROM., PART I, NOV. 17, 1967, NO. 98, PP. 778-780.

WATER

ROMANIA

"JANUARY 23, 1968 INSTRUCTIONS ... FOR THE IMPLEMENTATION OF ... DECREE NO. 1059/1967 RELATING TO THE SANITARY PROTECTION ... OF DRINKING WATER..." INT. DIG. HLTH. LEG., V20
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/69 PGS 308-316 ID# 01377B

LR(A)

INSTRUCTIONS NO. 51, ISSUED JOINTLY ON JAN. 23, 1968 BY THE MINISTRY OF HEALTH, THE STATE WATER COMMITTEE AND THE COMMITTEE FOR LOCAL ADMINISTRATION PROBLEMS, IMPLEMENT THE PROVISIONS OF DECREE NO. 1059/1967 RELATING TO THE SANITARY PROTECTION OF THE SOURCES, WORKS AND CENTRAL INSTALLATIONS FOR THE SUPPLY OF DRINKING WATER AND OF MINERAL WATERS FOR INTERNAL MEDICINAL USE. THE INSTRUCTIONS, DIVIDED INTO NINE SUBHEADINGS, EXPAND THE DIRECTIVES OF THE 1967 DECREE IN REGARD TO PRIMARY AND SECONDARY PROTECTION ZONES SURROUNDING SOURCES OF SUCH WATERS. THE ROMANIAN-LANGUAGE ORIGINAL IS FOUND IN BULETIN. OFICIAL REPUB. SOC. ROM., PART I, FEB. 5, 1968, NO. 12, PP. 98-101.

SOUTH AFRICA

"LEGISLATION CONCERNING WATER POLLUTION AS LAID DOWN BY NATIONAL AND LOCAL AUTHORITIES." (REPRINTED FROM) MUNISIPALE ADMINISTRASIE EN INGENIEURWESE
BOLITHO, V. EPA
ENGLISH 12/00/72 PGS 1-4 ID# 01040A
ALSO PMB

LR(B)

THIS ARTICLE, PREPARED AS A PAPER FOR A CONFERENCE ON POLLUTION AND THE INDUSTRIAL MANAGER ORGANIZED BY THE NATIONAL DEVELOPMENT AND MANAGEMENT FOUNDATION, EXAMINES SOUTH AFRICAN LEGISLATION NATIONAL AND LOCAL, ON THE MATTER OF WATER POLLUTION. IT POINTS UP THE CONFLICT BETWEEN WATER QUALITY AND WATER QUANTITY, THE BASIC CHOICES IN POLLUTION CONTROL (CONVERSION, DISPERSION, AND CONCENTRATION LIMITATION), THE PROBABLE DECLINE IN THE CONTRIBUTIONS OF MUNICIPAL SEWERAGE SYSTEMS TO THE NATIONAL INDUSTRIAL WASTE EFFORT AS MORE WASTE WATERS EMANATE FROM INDUSTRIES OUTSIDE THE MUNICIPAL AREAS. IN THE ARTICLE V. BOLITHO DISCUSSES THE ENFORCEMENT ACTS IN TERMS OF THE COMMON LAW, STREAM AND DISCHARGE STANDARDS, AND SERVICE CHARGES. HE EXAMINES THE WATER ACT, THE RAND WATER BOARD ACT, AND THE INDUSTRIAL EFFLUENT BYLAWS. THE WATER ACT IS CREDITED WITH CONFERRING ON SOUTH AFRICA AN ADVANTAGE THAT IS ENVIED BY MANY OTHER COUNTRIES, A UNIFORM SYSTEM OF CONTROL.

SOUTH AFRICA

"PUBLIC HEALTH ACT, 1919" (NO. 36), AS AMENDED. STATUTES OF THE REPUBLIC OF SOUTH AFRICA--PUBLIC HEALTH
EPA
ENGLISH 00/00/72 PGS 105 ID# 01775A
ALSO AFRIKAANS

LR(A)

THIS ACT ESTABLISHES THE ADMINISTRATIVE STRUCTURE OF THE MINISTRY OF HEALTH WHICH HAS ENVIRONMENTAL RESPONSIBILITIES UNDER THIS ACT AND OTHER LEGISLATION. SECTION 112 ESTABLISHES THE RESPONSIBILITY OF THE MINISTER FOR REGULATING CONSTRUCTION WHICH MAY AFFECT DRINKING WATER RESOURCES, AGRICULTURAL AND INDUSTRIAL ACTIVITIES RESULTING IN WATER POLLUTION, DUMPING OF WASTES INTO WATER BODIES, OR ANY OTHER ACTIVITY WHICH MAY BE DETRIMENTAL TO WATER QUALITY AND SO ENDANGER PUBLIC HEALTH. DUE REGARD MUST BE GIVEN TO NEEDS OF AGRICULTURE AND INDUSTRY. LOCAL AUTHORITIES ARE OBLIGATED TO ENFORCE SUCH REGULATIONS. UNDER SECTION 111, LOCAL AUTHORITIES ARE OBLIGATED TO IMPLEMENT MEASURES TO PREVENT POLLUTION OF DRINKING WATER OR OTHER WATERS SO AS TO ENDANGER PUBLIC HEALTH. PROVISION MUST ALSO BE MADE FOR PURIFICATION OF ANY SUCH WATERS THAT MAY HAVE BECOME POLLUTED.

WATER

SOUTH AFRICA "PREVENTION AND COMBATING OF POLLUTION OF THE SEA BY OIL ACT NO. 67 OF 1971." STATUTES OF THE REPUBLIC OF SOUTH AFRICA--SEA AND SEA-SHORE.

EPA

LP(A) ENGLISH 00/00/72 PGS 171-185 ID# 01777A
ALSO AFRIKAANS

THIS ACT PROHIBITS THE DISCHARGE OF OIL IN SOUTH AFRICAN TERRITORIAL WATERS EXCEPT WHEN NECESSARY TO SECURE SAFETY OF A SHIP OR TO SAVE LIFE. IF A SHIP DISCHARGES OIL IN CONTRAVENTION OF THIS ACT, THE MINISTER OF ECONOMIC AFFAIRS, WHO IS RESPONSIBLE FOR ENFORCING THE ACT, MAY ORDER THE OWNER TO REMOVE IT, OR HIMSELF REMOVE IT AT THE OWNER'S EXPENSE, AND TAKE ANY OTHER MEASURES NECESSARY TO PREVENT FURTHER POLLUTION. IF A SHIP IS SUSPECTED OF VIOLATING THIS ACT, THE MINISTER MAY PREVENT ITS DEPARTURE UNTIL PRESCRIBED CONDITIONS ARE MET OR A COLLATERAL IS DEPOSITED TO COVER COST OF SUSPECTED POLLUTION DAMAGE. ENTERPRISES WHICH IMPORT OR EXPORT OIL MAY BE REQUIRED TO MAINTAIN MATERIALS AND EQUIPMENT FOR REMOVING OIL SPILLS. ANYONE CAPABLE OF PROVIDING SUCH GOODS OR SERVICES MUST MAKE THEM AVAILABLE UPON REQUEST TO THE MINISTER FOR REASONABLE COMPENSATION. AN OIL POLLUTION PREVENTION FUND IS ESTABLISHED UNDER THE SECRETARY FOR INDUSTRIES TO PAY FOR POLLUTION-CONTROL RESEARCH AND REMOVAL OF OIL SPILLS.

SOUTH AFRICA "WATER ACT NO. 54 OF 1956," AS AMENDED. STATUTES OF THE REPUBLIC OF SOUTH AFRICA--WATER.

EPA

LP(A) ENGLISH 00/00/72 PGS 1227-35 ID# 01787A
ALSO AFRIKAANS; PP.1201-09, P.139

THIS ACT EMPOWERS THE MINISTER OF WATER AFFAIRS TO REGULATE USE OF PUBLIC AND PRIVATE WATERS. HE MAY APPOINT A SECRETARY FOR WATER AFFAIRS TO GIVE ADVICE AND EXECUTE DESIGNATED FUNCTIONS. CHAPTER II OF THE ACT PROHIBITS THE USE OF WATER FOR INDUSTRIAL PURPOSES UNLESS WASTEWATER IS PURIFIED TO CONFORM TO STANDARDS SET BY THE MINISTER AND RETURNED TO ITS ORIGINAL SOURCE. INDUSTRIES MAY BE ALLOWED TO DUMP UNTREATED EFFLUENTS INTO PUBLIC OR PRIVATE SEWAGE SYSTEMS ABLE TO PURIFY SUCH WASTES. IF COMPLIANCE IS DEEMED IMPRACTICAL, THE MINISTER MAY ALLOW DISCHARGE OF UNTREATED OR SEMI-TREATED INDUSTRIAL WASTEWATER UNLESS OVERRULED BY THE WATER COURT. EFFLUENTS FROM MUNICIPAL SEWAGE SYSTEMS MUST CONFORM TO THE SAME STANDARDS UNLESS EXEMPTED BY THE MINISTER IN CASES WHERE NO INDUSTRIAL WASTES ARE INVOLVED. SPECIAL REGULATIONS MAY BE ISSUED TO PREVENT POLLUTION OF SURFACE OR UNDERGROUND WATERS BY RUNOFF OR SEEPAGE FROM MINING, INDUSTRIAL OR AGRICULTURAL OPERATIONS. VIOLATORS ARE LIABLE FOR POLLUTION DAMAGE AND SUBJECT TO PROSECUTION.

SOUTH AFRICA

"APRIL 5, 1962 REGULATION ON REGIONAL STANDARDS FOR INDUSTRIAL EFFLUENTS." GOVERNMENT GAZETTE EXTRAORDINARY.

LP(A) ENGLISH 04/05/62 PGS 9-14 EPA ID# 01787B
ALSO AFRIKAANS

THIS REGULATION, ISSUED BY THE MINISTER OF WATER AFFAIRS UNDER SECTION 21 OF THE WATER ACT NO. 54 OF 1956, ESTABLISHES WATER QUALITY STANDARDS FOR INDUSTRIAL EFFLUENTS DISCHARGED INTO WATER BODIES. EFFLUENTS MUST NOT CONTAIN SUBSTANCES IN CONCENTRATIONS HARMFUL TO MAN, ANIMALS, FISH, AQUATIC PLANTS OR AGRICULTURAL ACTIVITIES, OR CAPABLE OF PRODUCING COLOR, ODOR OR TASTE. MAXIMUM CONCENTRATIONS ARE ESTABLISHED FOR CERTAIN TOXIC SUBSTANCES. STANDARDS ARE ESTABLISHED ON PH LEVEL, DISSOLVED OXYGEN CONTENT, BACTERIAL CONTENT, CHEMICAL OXYGEN DEMAND, ABSORBED OXYGEN LEVEL, CONCENTRATIONS OF TOTAL DISSOLVED SOLIDS AND SUSPENDED SOLIDS, SODIUM CONTENT, AND THE PRESENCE OF SOAP, OIL, GREASE AND CERTAIN OTHER SUBSTANCES. THE SCHEDULE LISTS 73 RIVERS, WATER BASINS AND OTHER BODIES OF WATER TO WHICH MORE STRINGENT STANDARDS APPLY.

SOUTH AFRICA

"JUNE 22, 1962 REGULATION ON REGIONAL STANDARDS FOR INDUSTRIAL EFFLUENTS--METHODS OF TESTING." GOV. GAZETTE EXTRAORDINARY, N. 266 (REGULATION GAZETTE N. 90)

LP(A) ENGLISH 06/22/62 PGS 1-32 EPA ID# 01787C
ALSO AFRIKAANS

THIS REGULATION, ISSUED BY THE MINISTER OF WATER AFFAIRS UNDER THE WATER ACT, 1956, ESTABLISHES DETAILED TECHNICAL PROCEDURES FOR TESTING WASTEWATER AND INDUSTRIAL EFFLUENTS TO DETERMINE IF THEY CONFORM TO STANDARDS SET IN APRIL 5, 1962 REGULATION ON REGIONAL STANDARDS FOR INDUSTRIAL EFFLUENTS.

SPAIN

MEMORIA ESPANOLA SOBRE EL MEDIO AMBIENTAL. (SPANISH MEMORANDUM ON THE ENVIRONMENT)

LP(B) SPANISH 00/00/72 PGS 1-30 EPA ID# 01044A
ALSO PMA
*GENERAL AIR SOLID WASTE NOISE

WATER

SPAIN

"NOV. 16, 1900 ROYAL DECREE APPROVING THE REGULATION CONCERNING POLLUTION AND INFECTION OF PUBLIC WATERS ...", LEGIS. Y DISPOSICIONES DE LA ADMINIS. CENTRAL, V. 8. IMPRENTA DE LA REVISTA DE LEGISLACION, COMP. EPA

LR(A) SPANISH PGS 741-750 ID# 01141A

THIS DECREE, ISSUED BY THE MINISTRY OF AGRICULTURE, GIVES APPROVAL TO A REGULATION CONCERNING POLLUTION AND INFECTION OF PUBLIC WATERS AND CONCERNING DEPOSITS OF MINERAL AND INDUSTRIAL WASTES IN THEIR SOURCES. THE DECREE ESTABLISHES LIMITATION ON DEPOSITION SUCH WASTES AND DIRTY WATER INTO ALL SURFACE WATERS. VIOLATORS WILL BE REQUIRED TO REMOVE WASTES FROM THESE WATERS. IN CHAPTER III A SYSTEM OF SANCTIONS IS DESCRIBED TO DEAL WITH ANY RECURRENCE OF WATER POLLUTION. THE FULL SPANISH TEXT OF THE LAW APPEARED ORIGINALLY IN GACETA DE MADRID, NOV. 16, 1900.

SPAIN

"NOV. 14, 1958 DECREE APPROVING THE REGULATION CONCERNING PATROLLING WATERWAYS AND THEIR SOURCES," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP. EPA

LR(A) SPANISH 00/00/58 PGS 1630-1635 ID# 01142A

THIS DECREE, ISSUED BY THE MINISTRY OF PUBLIC WORKS, COVERS A VARIETY OF MATTERS RELATED TO WATER PROTECTION AND WATER RIGHTS. ARTICLE ELEVEN, REFERRING TO RESIDUAL WATERS, PROHIBITS THE DISCHARGE INTO PUBLIC WATER SOURCES OF WATER WASTES WHOSE CHEMICAL AND BACTERIOLOGICAL COMPOSITION COULD CONTAMINATE WATERWAYS POSING A THREAT TO PUBLIC HEALTH. IT PROVIDES THAT ESTABLISHMENT OF INDUSTRIES OR INSTALLATIONS THAT MAY USE MATERIALS CAPABLE OF POLLUTING WATERWAYS BE SUBJECT TO PREVIOUS REGISTRATION WITH THE PROVINCIAL BOARD OF HEALTH AND THE CORRESPONDING HYDRAULIC SERVICE THE SPANISH-LANGUAGE TEXT OF THE DECREE FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, DEC. 1 AND 2, 1958.

SPAIN

"DEC. 23, 1971 DECREE ON MEASURES AGAINST CONTAMINATION OF RIVERS IN GUIPUZCOA PROVINCE," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP. EPA

LR(A) SPANISH 00/00/72 PGS 41-42 ID# 01142B
SOLID WASTE

THIS DECREE, ISSUED BY THE PRESIDENCY, REQUIRES THAT WITHIN TWO MONTHS OF ITS PROMULGATION ALL GARBAGE, RUBBISH AND RESIDUES BE REMOVED FROM THE RIVERS OF THE NORTHERN SPANISH PROVINCE OF GUIPUZCOA BY RESPONSIBLE PARTIES WHO ARE DEFINED AS OWNERS OF PROPERTY BORDERING THESE RIVERS. IT ALSO REQUIRES THAT PEOPLE OR ENTITIES DISCHARGING LIQUID WASTES INTO THE RIVER WATERS WILL BE GIVEN SIX MONTHS TO PRESENT A WATER PURIFICATION PLAN TO THE WATER COMMISSION OF NORTHERN SPAIN. FURTHER PROCEDURAL GUIDELINES FOR SUCH CASES ARE PRESENTED IN THE DECREE. IMPLEMENTATION OF THIS DECREE MUST NOT CONFLICT WITH PROVISIONS SET FORTH IN THE REGULATION ON PATROLLING WATERWAYS AND THEIR SOURCES APPROVED ON NOV. 14, 1958. THE SPANISH-LANGUGAE TEXT OF THIS DECREE FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JAN. 11, 1972.

SPAIN "JUNE 13, 1962 ORDER CREATING THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY PETROLEUM," REPERTORIO CRONOLOG, DE LEGIS. EDITORIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/62 PGS 891-892 EPA ID# 01143A

THIS ORDER, ISSUED FROM THE PRESIDENCY, CREATES THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY PETROLEUM WHICH IS ENTRUSTED WITH THE POWER TO STUDY WATER POLLUTION PREVENTION. ITS MEMBERSHIP WILL CONSIST OF THE SUBSECRETARY OF THE MERCHANT MARINE, REPRESENTATIVES OF THE NAVY, AND THE GENERAL DIRECTORS OF NAVIGATION, NAVAL INDUSTRIES, PORTS, TOURISM, THE SPANISH INSTITUTE OF OCEANOGRAPHY, HEALTH, THE NATIONAL FISHING UNION, NATIONAL TRANSPORTATION UNION AND SPANISH OIL COMPANY. THE COMMISSION WILL BE COMPOSED OF A RESEARCH SUBCOMMITTEE AND A TECHNICAL SUBCOMMITTEE. THE SPANISH-LANGUAGE TEXT OF THIS ORDER APPEARED IN THE BOLET. OFIC. DEL ESTADO, JUNE 19 AND 20, 1962. FURTHER CHANGES IN THE COMMISSION HAVE BEEN IMPLEMENTED BY THE FOLLOWING LAWS: JULY 11, 1963 ORDER BROADENING ITS DUTIES; FEB. 8, 1969 ORDER ENLARGING ITS MEMBERSHIP; AND MAY 27, 1971 ORDER CHANGING ITS NAME TO THE NATIONAL COMMISSION TO PREVENT WATER POLLUTION.

SPAIN "JULY 11, 1963 ORDER BOPADENING THE FUNCTIONS OF THE NATIONAL COMMISSION TO PREVENT POLLUTION OF THE SEAS BY PETROLEUM," REPERTORIO CRONOLOG. DE LEGIS. EDITIRIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/63 PGS 1313 EPA ID# 01143B

THIS ORDER, ISSUED FROM THE PRESIDENCY, REQUIRES THAT THE NATIONAL COMMISSION TO PREVENT POLLUTION OF THE SEAS BY PETROLEUM, CREATED ON JUNE 13, 1962, INCLUDE WITHIN ITS RESPONSIBILITIES THE STUDY OF SEA WATER POLLUTION CAUSED BY ALI INDUSTRIAL WASTE DISCHARGES INTO THE OCEAN. IT FURTHER PROVIDES THAT A REPRESENTATIVE OF THE MINISTRY OF INDUSTRY BE INCLUDED IN THE MEMBERSHIP OF THE COMMISSION'S TECHNICAL SUBCOMMITTEE. THE SPANISH-LANGUGAE TEXT OF THIS ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JULY 18 AND 19, 1963. FURTHER CHANGES IN THE COMMISSION ARE IMPLEMENTED BY: FEB. 8, 1969 ORDER ENLARGING ITS MEMBERSHIP; AND MAY 27, 1971 ORDER CHANGING ITS NAME TO THE NATIONAL COMMISSION TO PREVENT WATER POLLUTION.

SPAIN "FEB. 8, 1969 ORDER ADDING A LEGAL ADVISOR ... TO THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY PETROLEUM," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/69 PGS 314 EPA ID# 01143C

THIS ORDER, ISSUED FROM THE PRESIDENCY, REQUIRES THAT A LEGAL ADVISOR, APPOINTED BY THE NAVY MINISTRY, BE ADDED TO THE MEMBERSHIP OF THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY PETROLEUM, CREATED BY PRESIDENTIAL ORDER ON JUNE 13, 1962. THE SPANISH-LANGUAGE TEXT OF THIS ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, FEB. 12 AND 13, 1969. A MAY 1971 ORDER CHANGES THE NAME OF THE NATIONAL COMMISSION.

SPAIN

"MAY 27, 1971 ORDER CHANGING THE NAME OF THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY HYDROCARBONS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/71 PGS 1250 EPA ID# 01143D

THIS ORDER, ISSUED FROM THE PRESIDENCY, CHANGES THE NAME OF THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY HYDROCARBONS WHICH IS ALSO KNOWN AS THE NATIONAL COMMISSION TO PREVENT THE POLLUTION OF THE SEAS BY PETROLEUM), CREATED BY PRESIDENTIAL ORDER ON JUNE 13, 1962, TO NATIONAL COMMISSION TO PREVENT WATER POLLUTION. THE SPANISH-LANGUAGE TEXT OF THE 1971 ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JUNE 1 AND 2, 1971.

SPAIN

"JUNE 1, 1963 ORDER ON CONSTRUCTION STANDARDS FOR SHIPS TO PREVENT POLLUTION OF THE SEA BY HYDROCARBONS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/63 PGS 1050-1051 EPA ID# 01144A

THIS ORDER, ISSUED BY THE OFFICE OF THE PRESIDENCY, REQUIRES THAT ALL OIL TANKERS WEIGHING 20,000 TONS OR MORE, TO BE BUILT AFTER JAN. 1, 1964, BE EQUIPPED WITH TANKS TO COLLECT WATER RESIDUES FOR RECEPTACLE FACILITIES SITUATED ONSHORE. IT FURTHER PROVIDES THAT ALL SHIPS, OF ANY CARGO, WEIGHING 20,000 TONS OR MORE, TO BE BUILT AFTER JAN. 1, 1964, MUST BE EQUIPPED WITH A TANK TO COLLECT ALL CONTAMINATED WATER WASTES THAT HAVE ACCUMULATED IN THE SHIPS' FUEL TANKS. LATELY, IT REQUIRES THAT ALL SHIPS WEIGHING 500 TONS OR MORE, SCHEDULED FOR CONSTRUCTION AFTER JAN. 1, 1964 HAVE ADEQUATE DEVICES TO SEPARATE WATER FROM OIL SO THAT OILY RESIDUES MAY BE DUMPED LATER INTO ONSHORE RECEPTABLE FACILITIES. THE SPANISH-LANGUAGE TEXT OF THIS ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JUNE 6, 1963.

SPAIN

"JUNE 1, 1963 ORDER ON HYDROCARBONS SETTING STANDARDS TO AVOID POLLUTION OF THE SEAS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LP(A) SPANISH 00/00/63 PGS 1051 EPA ID# 01145A

THIS ORDER, ISSUED BY THE OFFICE OF THE PRESIDENCY, AIMS TO PREVENT POLLUTION OF THE SEA CAUSED BY THE RELEASE OF OIL-BASED PRODUCTS INTO THE WATER AFTER CLEANING FUEL TANKS OF SHIPS. THE ORDER REQUIRES THAT DEPOSIT TANKS BE BUILT IN PORTS, SHIPYARDS AND SHIP REPAIR PLANTS WHERE OIL RESIDUES MAY BE DUMPED. THE SPANISH-LANGUAGE TEXT OF THIS ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JUNE 6, 1963.

WATER

SPAIN "MAY 27, 1967 ORDER PROHIBITING THE DISCHARGE OF OIL PRODUCTS OR CONTAMINATED WASTES INTO THE SEA BY INDUSTRIES IN GENERAL," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/67 PGS 1189 EPA ID# 01147A

THIS ORDER, ISSUED BY THE PRESIDENCY, PROHIBITS INDUSTRIAL PLANTS OF ANY KIND FROM DISCHARGING INTO THE SEA ANY OIL PRODUCT OR RESIDUE THAT CONTAINS OIL SUBSTANCES. INDUSTRIES APPLYING TO THE MINISTRY OF PUBLIC WORKS FOR AUTHORIZATION TO DISCHARGE WASTES INTO THE SEA MUST BE EQUIPPED BEFOREHAND WITH THE PROPER SYSTEM OR PROCESS TO TREAT THESE WASTES TO PREVENT CONTAMINATION OF THE SEA WATERS. THE SPANISH-LANGUGAE TEXT OF THIS ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JUNE 1, 1967.

SPAIN "AUG. 27, 1967 ORDER ON MEASURES TO PREVENT POLLUTION OF THE SEA AND BEACHES BY ACCIDENTS INVOLVING OIL PIPELINES," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/67 PGS 1793-1794 EPA ID# 01148A

THIS ORDER, ISSUED FROM THE PRESIDENCY, REQUIRES THAT OIL REFINERIES AND PETROCHEMICAL PLANTS THAT OWN OIL PIPELINE TERMINALS USED FOR LOADING AND UNLOADING HYDROCARBONS ON SHORELINES, AS WELL AS TANKS TO STORE FUEL FOR SHIPS WITH A CAPACITY GREATER THAN FIVE HUNDRED TONS BUT LESS THAN FIVE THOUSAND TONS, MAKE AVAILABLE IN THE VICINITY OF THE PIPELINES FOR IMMEDIATE USE THE FOLLOWING: FIVE THOUSAND LITERS OF DETERGENTS, FIVE THOUSAND LITERS OF ABSORBANTS AND 150 METERS OF SPECIAL CONTAINING-NET. THE ORDER ALSO REQUIRES THAT REFINERIES AND FACTORIES WITH CAPACITIES GREATER THAN FIVE THOUSAND TONS HAVE AT THEIR DISPOSAL TEN THOUSAND LITERS OF DETERGENTS, TEN THOUSAND LITERS OF ABSORBENTS, AND FIVE HUNDRED METERS OF SPECIAL CONTAINING NETS. THE PRECEDING MEASURES BECAME EFFECTIVE THIRTY DAYS AFTER THE ORDER'S PUBLICATION IN THE BOLET. OFIC. DEL ESTADO, AUG. 24, 1967.

SPAIN "JAN. 18, 1968 DECREE PROHIBITING THE USE OF NON-BIODEGRADABLE DETERGENTS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/68 PGS 200-201 EPA ID# 01149A

THIS DECREE, ISSUED FOR THE PRESIDENCY, FORBIDS THE IMPORTATION, PRODUCTION AND MARKETING OF SURFACE-ACTIVE PREPARATIONS CONTAINING ANIONIC SURFACE-ACTIVE PRODUCTS (HOME AND INDUSTRIAL DETERGENTS, FOAMING AGENTS, CLEANSING PRODUCTS) OF THE ALYLAPYL SULFONATE GROUP, WHICH HAVE BEEN CLASSIFIED AS NON-BIODEGRADABLE. A SUPPLEMENT TO THE DECREE CONTAINS PROVISIONS DRAWN UP BY THE MINISTRIES OF INDUSTRIES, ECONOMIC AFFAIRS AND TRADE THAT DESCRIBE METHODS OF ANALYSIS TO DETERMINE A PRODUCT'S BIODEGRADABILITY. THIS DECREE IS AMENDED BY A DEC. 26, 1968 DECREE AND FURTHER COMPLEMENTED BY A FEB. 24, 1969 ORDER. THE SPANISH-LANGUAGE TEXT OF THE JAN. 18, 1968 DECREE FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JAN. 29, 1968.

SPAIN

"DEC 26, 1968 DECREE MODIFYING THE JAN. 18, 1968 DECREE PROHIBITING THE USE OF NON-BIODEGRADABLE DETERGENTS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

IP(3) SPANISH 00/00/68 PGS 2268 EPA ID# 01149B

THIS DECREE, ISSUED FROM THE PRESIDENCY, MODIFIES THE PROVISIONS OF THE JAN. 18, 1968 DECREE PROHIBITING THE USE OF NON-BIODEGRADABLE DETERGENTS. IT ESTABLISHES SPECIFIC DATES TO CUT-OFF IMPORTATION, PRODUCTION, DISTRIBUTIONS AND USE OF NON-BIODEGRADABLE DETERGENTS. MANUFACTURERS OF DETERGENTS ARE ALSO REQUIRED TO INDICATE ON THEIR LABELS WHETHER THEIR PRODUCT IS BIODEGRADABLE OR NON-BIODEGRADABLE, AND IN THE CASE OF THE LATTER, TO INDICATE THAT USE OF THE PRODUCT AFTER JUNE 30 1970 IS ILLEGAL. THIS DECREE IS COMPLEMENTED BY A FEB. 24, 1969 ORDER CONCERNING THE DETERMINATION OF BIODEGRABILITY OF TENSIOACTIVE PRODUCTS. THE SPANISH-LANGUAGE TEXT OF THE DEC. 26 1968 DECREE FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, DEC. 30, 1969.

SPAIN

"FEB. 24, 1969 ORDER ON DETERGENTS CONCERNING THE BIODEGRADABILITY DETERMINATION OF TENSIOACTIVE PRODUCTS," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

IP(3) SPANISH 00/00/69 PGS 403-407 EPA ID# 01149C

THIS ORDER, ISSUED BY THE MINISTRY OF INDUSTRY, SUPPLEMENTS PROVISIONS OF THE JAN. 18, 1968 AND DEC. 26, 1968 DECREES WHICH FORBID THE USAGE OF NON-BIODEGRADABLE DETERGENTS. UNDER THE ORDER'S PROVISIONS, THE METHODS FOR INSPECTION DURING THE PRODUCTION OF ANIONIC SURFACE-ACTIVE DETERGENTS OF THE ALKYLARYL SULFONATE GROUP ARE DESCRIBED. THE ANNEXES ALSO PRESENT METHODS FOR DETERMINING THE DEGREE OF A DETERGENT'S BIODEGRADABILITY. THE SPANISH-LANGUAGE TEXT OF THIS ORDER FIRST APPEARED IN BOLET. OFIC. DEL ESTADO, MAR. 3, 1969.

SPAIN

"APRIL 23, 1969 RESOLUTION ON PROVISIONAL STANDARDS FOR PURIFICATION INSTALLATIONS AND DISCHARGING RESIDUES INTO THE SEA," REPERTORIO CRONOLOG. DE LEGIS. EDITORIAL ARANZADI, COMP.

IP(3) SPANISH 00/00/69 PGS 1102-1108 EPA ID#, 01150A

ISSUED BY THE DIRECTOR GENERAL OF PORTS AND MARITIME SIGNALS, THIS RESOLUTION ESTABLISHES MINIMAL TECHNICAL REQUIREMENTS TO BE OBSERVED IN ALL WATER PURIFICATION PROJECTS EXECUTED OR PLANNED ALONG THE SPANISH COASTS. THE CONDITIONS OF THE RESOLUTION ARE PROVISIONAL AND SUBJECT TO FUTURE MODIFICATION. THE RESOLUTION SETS TECHNICAL STANDARDS FOR PURIFICATION STATIONS, SEPTIC TANKS AND UNDERWATER EMISSION PROCEDURES. CHAPTER FIVE ELABORATES STEPS REQUIRED FOR INDUSTRY TO FOLLOW IN ORDER TO GAIN PERMISSION TO DISCHARGE WASTES INTO THE SEA. IT REQUIRES THAT PERIODIC ANALYSIS OF WATER IN DISCHARGE ZONES BE MADE BY THE MINISTRY OF PUBLIC WORKS. THE SPANISH-LANGUAGE TEXT OF THIS RESOLUTION FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JUNE 20, 1969.

WATER

SPAIN

"APRIL 26, 1969 LAW ON REGULATORY STANDARDS CONCERNING MARITIME COASTS," REPERTORIO CRONOLOG. DE LEGIS.
EDITORIAL ARANZADI, COMP.
SPANISH 00/00/69 PGS 763-766 EPA ID# 01151A

LP(A)

ISSUED BY THE OFFICE OF THE CHIEF OF STATE, THIS LAW AIMS TO COORDINATE RESPONSIBILITY FOR PROTECTION OF COASTAL WATERS AMONG THE VARIOUS GOVERNMENT MINISTRIES. UNDER ARTICLE ELEVEN, THE MINISTRY OF COMMERCE IS MADE RESPONSIBLE FOR THE PURITY OF TERRITORIAL COASTAL WATERS; THE PREVENTION OF POLLUTION OF HYDROCARBONS, OR OTHER SUBSTANCES AND RESIDUES; AND THE APPLICATION OF SANCTIONS AGAINST VIOLATORS. THE SPANISH-LANGUAGE TEXT OF THIS LAW FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, APRIL 28, 1969. A NOV. 4, 1971 DECREE REORGANIZING THE MINISTRY OF PUBLIC WORKS PLACES THE RESPONSIBILITY FOR DOMESTIC WATER PURITY AND QUALITY UNDER THE MINISTRY OF PUBLIC WORKS' CENTRAL COMMISSION FOR WATER AND THE FIGHT AGAINST POLLUTION AND THE FIGHT AGAINST WATER POLLUTION AND WATER TREATMENT SERVICE.

SPAIN

"JUNE 30, 1969 LAW ON THE SHELL-FISH ORDINANCE," REPERTORIO CRONOLOG. DE LEGIS.
EDITORIAL ARAZANDI, COMP.
SPANISH 00/00/69 PGS 1187-1189 EPA ID# 01152A

LE(A)

THIS LAW, ISSUED BY THE CHIEF OF STATE, ESTABLISHES A SERIES OF MEASURES DESIGNED TO PROTECT SHELL-FISH LIVING IN SPANISH COASTAL WATERS. ARTICLE SIXTEEN CALLS FOR THE INSTALLATION OF ADEQUATE PURIFICATION SYSTEMS IN POPULATION CENTERS AND INDUSTRIAL PLANTS WHICH ARE LOCATED NEAR SHELL-FISH BEDS TO PREVENT WASTE DISCHARGES FROM POLLUTING WATER AND EVENTUALLY HARMING THE SHELL-FISH. THE SPANISH-LANGUAGE TEXT OF THIS LAW FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, JULY, 1, 1969.

SPAIN

"JULY 28, 1969 ORDER ON MEASURES TO COMBAT HYDROCARBON SPILLS," REPERTORIO CRONOLOG. DE LEGIS.
EDITORIAL ARANZADI, COMP.
SPANISH 00/00/69 PGS 1529 EPA ID# 01153A

LE(A)

THIS ORDER, ISSUED BY THE MINISTRY OF COMMERCE, REGULATES MECHANICAL MEANS USED TO REMOVE DISCHARGES OF HYDROCARBONS IN THE SEA. ADEQUATE MECHANICAL DEVISES MUST BE INSTALLED IN OIL TANKERS, OIL REFINERIES, FUEL STORAGE PLANTS SITUATED IN PORTS, AND INDUSTRIAL OR COMMERCIAL INSTALLATIONS THAT POSSESS FUEL LOADING OR UNLOADING FACILITIES IN COASTAL AREAS. ALL MECHANISMS ARE SUBJECT TO APPROVAL BY THE MINISTRY OF COMMERCE, SUBSECRETARIAT OF THE MERCHANT MARINE. THE MEASURES PRESENTED IN THIS ORDER MUST BE ADOPTED WITHIN SIX MONTHS OF THE DATE OF PUBLICATION OF THE ORDER. THE SPANISH-LANGUAGE TEXT OF THIS ORDER FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, AUG. 20, 1969.

SPAIN "DEC 19, 1970 DECREE ON TOURISM SETTING MINIMAL INFRASTRUCTURAL REQUIREMENTS FOR LODGINGS," REPERTORIO CRONOLOG. DE LEGIS.
EDITORIAL ARANZADI, COMP.

LR(A) SPANISH 00/00/71 PGS 108-110 EPA ID# 01154A
SOLID WASTE GENERAL

THIS DECREE, ISSUED BY THE MINISTRY OF INFORMATION AND TOURISM, CONTAINS IN ARTICLE FOUR PROVISIONS RELATING TO THE TREATMENT AND DISCHARGES OF WATER RESIDUES BY TOURIST LODGINGS. IT STRICTLY FORBIDS SUCH ESTABLISHMENTS TO DISCHARGE WATER RESIDUES INTO THE SEA OR CONTINENTAL WATERS WITHOUT PREVIOUS PURIFICATION. ARTICLE EIGHT REFERS TO THE REMOVAL OF GARBAGE AND PROHIBITS ITS ELIMINATION BY DUMPING INTO THE SEA, CONTINENTAL WATERS OR IN TOURIST ZONES. THE SPANISH-LANGUAGE TEXT OF THE DECREE FIRST APPEARED IN BOLET. OFIC. DEL ESTADO, JAN. 18, 1971.

SPAIN "MAY 27, 1971 ORDER ON MEASURES TO CONTROL THE POLLUTION OF THE SEA" INT. DIG. HLTH. LEG., V. 23.
WORLD HEALTH ORGANIZATION, COMP.

LR(A) SPANISH 00/00/72 PGS 796 EPA ID# 01155A

THIS ORDER REQUIRES THAT PETROLEUM REFINERIES, PETROCHEMICAL PLANTS, AND LIQUID FUELS PLANTS HAVING OIL LOADING AND UNLOADING FACILITIES SITUATED IN PORTS OR ON COASTLINES BE EQUIPPED WITH AT LEAST ONE VESSEL THAT WILL DISCHARGE INTO THE SEA MIXTURES OF DETERGENTS AND DISPERSION PRODUCTS APPROVED BY THE SUB-SECRETARIAT OF THE MERCHANT MARINE. THE SPANISH-LANGUAGE ORIGINAL APPEARS IN BOLET. OFIC. DEL ESTADO. GAC. DE MADRID, JUNE 2, 1971, NO. 131, P. 8815.

SPAIN "MAY 27, 1971 ORDER ON THE REGULATION OF THE USE OF DETERGENTS IN CONTROLLING OIL DISCHARGES INTO THE SEA" INT. DIG. HLTH LEG., V. 23
WORLD HEALTH ORGANIZATION, COMP.

LR(A) ENGLISH 00/00/72 PGS 796-797 EPA ID# 01156A

THIS ORDER FORBIDS THE USE OF CERTAIN SURFACE-ACTIVE DETERGENTS (HAVING AN ANIONIC, CATIONIC OR NON-IONIC BASE) TO REMOVE OIL SLICKS FROM THE SEA AFTER JAN. 1, 1972. THE SPANISH-LANGUAGE ORIGINAL APPEARS IN BOLET. OFIC. DEL ESTADO. GAC. DE MADRID, JUNE 2, 1971, NO. 131, P. 8815. THIS ORDER IS COMPLEMENTED BY A JUNE 7, 1971 ORDER STANDARDIZING DETERGENTS USED TO REMOVE OIL SLICKS FROM THE SEA.

WATER

SPAIN

"NOV. 4, 1971 DECREE ON THE REORGANIZATION OF THE MINISTRY OF PUBLIC WORKS."
REPERTORIO CRONOLOG. DE LEGIS.
EDITORIAL ARANZADI, COMP.
SPANISH 00/00/71 PGS 2376-2379 EPA ID# 011578

IP(A)

THIS DECREE, ISSUED FROM THE MINISTRY OF PUBLIC WORKS, REORGANIZES THE STRUCTURE OF THIS MINISTRY AND ESTABLISHES TWO SUBDIVISIONS UNDER THE GENERAL DIRECTORATE OF HYDRAULIC WORKS THAT DEAL DIRECTLY WITH DOMESTIC WATER POLLUTION CONTROL. THE CENTRAL COMMISSION FOR WATER AND THE FIGHT AGAINST POLLUTION WILL DIRECT EFFORTS TO CLEAN-UP DOMESTIC WATERWAYS AND WILL BE IN CHARGE OF CONSERVING, INSPECTING AND GUARDING THESE WATERS WITHIN THE CONTINENTAL TERRITORY. THE "FIGHT AGAINST WATER POLLUTION" AND WATER TREATMENT SERVICE WILL CONDUCT RESEARCH AND IMPLEMENT VARIOUS ACTIVITIES IN THE SAME PROBLEM AREA. THE SPANISH-LANGUAGE TEXT OF THIS DECREE FIRST APPEARED IN THE BOLET. OFIC. DEL ESTADO, NOV. 4 AND 5, 1971. RESPONSIBILITY FOR THE PURITY OF SPANISH MARITIME WATERS FALL TO THE MINISTRY OF COMMERCE UNDER THE PROVISIONS OF THE APRIL 26, 1969 LAW ON REGULATORY STANDARDS CONCERNING MARITIME COASTS.

SUDAN

NATIONAL REPORT OF THE DEMOCRATIC REPUBLIC OF THE SUDAN TO THE UNITED NATIONS CONFERENCE ON "THE HUMAN ENVIRONMENT"
SUDAN. NATIONAL COUNCIL FOR RESEARCH
ENGLISH 03/00/72 PGS 1-43 EPA ID# 019762

IP(S)

*GENERAL PESTICIDES AIR RADIATION NOISE SOLID WASTE

SWAZILAND

THE PUBLIC HEALTH ACT, 1969 (ACT 5/1969)
ENGLISH 00/00/69 PGS 1-92 EPA ID# 017738
SOLID WASTE

IP(A)

UNDER PART III OF THIS ACT, LOCAL AUTHORITIES ARE RESPONSIBLE FOR PREVENTING POLLUTION DANGEROUS TO HEALTH OF ANY WATERS USED FOR DRINKING, DOMESTIC SUPPLY OR OTHER PURPOSES. THEY ARE ALSO RESPONSIBLE FOR PREVENTING OTHER ENVIRONMENTAL NUISANCES CONSTITUTING A HEALTH HAZARD SUCH AS DUMPING SOLID WASTES OR WASTEWATER ON PUBLIC STREETS OR ON PUBLIC OR PRIVATE LANDS. A LOCAL AUTHORITY MAY ITSELF REMEDY A NUISANCE AND RECOVER COSTS FROM THE OFFENDER, OR IT MAY GIVE NOTICE TO RESPONSIBLE PERSONS REQUIRING THEM TO TAKE NECESSARY REMEDIAL MEASURES. FAILURE TO COMPLY WITH SUCH A NOTICE CAN RESULT IN FINES AND IMPRISONMENT.

WATER

SWAZILAND

THE WATER ACT, 1967 (ACT 23/1967)

EPA

IP(S) ENGLISH 00/00/67 PGS 1-86 ID# 017741

THIS ACT PROHIBITS USE OF PUBLIC WATER BY NEW OR EXPANDED INDUSTRIAL ENTERPRISES WITHOUT A PERMIT ISSUED BY THE WATER APPORTIONMENT BOARD, ESTABLISHED UNDER SECTION 23, AND SUBSEQUENT APPROVAL OF THE WATER COURT. BEFORE ISSUING A PERMIT, THE BOARD MUST EVALUATE THE IMPACT OF THE INDUSTRY ON THE PUBLIC INTEREST IN TERMS OF POTENTIAL WASTEWATER PRODUCED AND PROPOSED PURIFICATION FACILITIES. PURIFICATION OF WASTEWATER MUST FORM AN INTEGRAL PART OF ANY INDUSTRIAL PROCESS. WASTES MUST BE PURIFIED TO CONFORM TO ANY STANDARDS SET BY THE BOARD. LOCAL AUTHORITIES OPERATING SEWAGE DISPOSAL SYSTEMS MAY BE EXEMPTED BY THE BOARD IF NO INDUSTRIAL WASTES ENTER THE SYSTEM. IT IS GENERALLY PROHIBITED TO POLLUTE ANY PRIVATE OR PUBLIC SURFACE OR SUBTERRANEAN WATERS. THE MINISTER OF WORKS, POWER AND COMMUNICATION MAY IMPLEMENT ANY MEASURES NECESSARY TO PREVENT SUCH POLLUTION AND RECOVER COSTS FROM THE OFFENDER. HE MAY ALSO MAKE ANY REGULATIONS NECESSARY TO PREVENT POLLUTION OR WASTE OF WATER RESOURCES.

SWAZILAND

APRIL 21, 1967 PURIFICATION OF INDUSTRIAL WATER AND EFFLUENT REGULATIONS.

EPA

IP(A) ENGLISH 00/00/67 PGS 1-40 ID# 017742

THESE REGULATIONS, ISSUED BY THE MINISTER FOR WORKS, POWER AND COMMUNICATIONS UNDER SECTION 22 OF THE WATER ACT, 1967, ESTABLISH PURITY STANDARDS WITH WHICH INDUSTRIAL EFFLUENTS MUST CONFORM BEFORE BEING DISCHARGED. WASTEWATER MUST CONTAIN NO SUBSTANCE CAPABLE OF PRODUCING COLOR, ODOR, OR TASTE. REQUIREMENTS ARE ESTABLISHED FOR PH LEVEL, DISSOLVED OXYGEN CONTENT, TEMPERATURE, CHEMICAL OXYGEN DEMAND, ABSORBED OXYGEN LEVEL, TOTAL DISSOLVED AND SUSPENDED SOLIDS, SODIUM CONTENT, AND PRESENCE OF SOAP, OIL OR GREASE AND VARIOUS OTHER HARMFUL CONSTITUENTS IN WASTEWATER. THE SECOND SCHEDULE CONTAINS DETAILED TECHNICAL PROCEDURES FOR TESTING WASTEWATER TO DETERMINE WHETHER IT CONFORMS TO STANDARDS.

SWEDEN

NATURVARDSVERKETS ARSBOK 1972 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1972)

EPA

SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD

PP(A) SWEDISH 00/00/72 PGS 1-174 ID# 019666A

*GENERAL AIR SOLID WASTE NOISE

SWEDEN

NATURVARDSVERKETS ARSBOK 1971 (THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD YEARBOOK 1971)
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PM(A) SWEDISH 00/00/71 PGS 1-237 EPA ID# 01678A
*GENERAL AIR SOLID WASTE

SWEDEN

ENVIRONMENTAL RESEARCH 71/72. PUBLICATION 1974:3E
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD
PM(A) ENGLISH 00/00/74 PGS 1-236 EPA ID# 01915A
*GENERAL PESTICIDES AIR NOISE

SWEDEN

ENVIRONMENTAL MERCURY RESEARCH IN SWEDEN
LARSSON, J.E.
PT( ) ENGLISH 06/00/70 PGS 1-47 EPA ID# 00935A
ALSO IPB
AIR

THIS PUBLICATION OF THE RESEARCH SECRETARIAT OF THE SWEDISH ENVIRONMENT PROTECTION BOARD IS A COMPREHENSIVE STATEMENT ON THE KNOWN EFFECTS OF MERCURY ON THE NATURAL ENVIRONMENT AND ON MEASURES TAKEN TO ALLEVIATE THE MERCURY PROBLEM IN SWEDEN. MAJOR SECTIONS DEAL WITH: THE HISTORY AND CHARACTERISTICS OF THE CIRCUMSTANCES CONNECTED WITH THE DISCOVERY OF THE MERCURY PROBLEM; RESEARCH CARRIED OUT ON VARIOUS ASPECTS OF MERCURY POLLUTION BETWEEN 1965 AND 1969; ADMINISTRATIVE DECISIONS RESULTING FROM OF RESEARCH IN THIS FIELD AND THE EFFECTS OF THE MEASURES UNDERTAKEN. THE FINAL SECTION DISCUSSES RESEARCH IN PROGRESS RELATING TO MERCURY IN THE TERRESTRIAL ENVIRONMENT, AIRBORNE MERCURY, MERCURY IN THE WATER ENVIRONMENT, AND METABOLISM, TOXIC EFFECTS AND HYGIENIC RISKS. REFERENCES, TABLES, FIGURES, AND DATA ON MERCURY RESEARCH GRANTS ARE INCLUDED.

SWEDEN

VATTEN, AVLOPP, WATER, SEWAGE, EAU, EGOUTS
STOCKHOLM CENTRAL BOARD OF ADMINISTRATION
PT( ) ENGLISH 00/00/72 PGS 1-54 EPA ID# 00971A
ALSO SWEDISH, FRENCH, GERMAN

THIS MULTILINGUAL PUBLICATION OF THE INFORMATION COMMITTEE OF THE STOCKHOLM CENTRAL BOARD OF ADMINISTRATION DEALS WITH STOCKHOLM'S SEWAGE AND WATER POLLUTION CONTROL FACILITIES. THE FIRST SECTION, WHICH DEALS WITH STOCKHOLM'S MUNICIPAL WATERWORKS, HANDLES THE FOLLOWING TOPICS: RAW WATER DATA, PURIFICATION, WATER CONTROLS AND INSPECTIONS, DISTRIBUTION OF PURE WATER, AND DEVELOPMENT WORK. THE SECOND SECTION, DEALING WITH SEWERAGE, DISCUSSES THE DEVELOPMENT OF STOCKHOLM'S SEWAGE SYSTEM AND DETAILS THE SEWAGE TREATMENT PROCESSES USED IN SPECIFIC TREATMENT PLANTS. CONTROLS ON SEWAGE ARE ALSO DISCUSSED. THE PUBLICATION IS PROFUSELY ILLUSTRATED AND CONTAINS TABLES, MAPS, DRAWINGS AND GRAPHS. THE TEXT APPEARS IN ENGLISH, SWEDISH, FRENCH, GERMAN, SPANISH, AND RUSSIAN VERSIONS.

SWEDEN

METHYL MERCURY IN FISH, PREPRINT FROM NORDISK HYGIENISK TIDSKRIFT, SUPPLEMENTUM 4
BERGLUND, F., AND OTHERS
SI( ) ENGLISH 00/00/71 PGS 1-13 EPA ID# 01004A

THIS REPORT, PREPARED BY A PROFESSIONAL GROUP APPOINTED IN 1968 BY THE SWEDISH BOARD OF THE NATIONAL INSTITUTE OF PUBLIC HEALTH IN CONSULTATION WITH THE NATIONAL BOARD OF HEALTH AND WELFARE AND THE NATIONAL VETERINARY BOARD, DEALS WITH THE TOXICOLOGICAL-EPIDEMIOLOGICAL EVALUATION OF THE DANGERS INVOLVED IN THE PRESENCE OF MERCURY IN FISH INTENDED FOR HUMAN CONSUMPTION. THE DISCUSSION INCLUDES TOXICOLOGICAL EVALUATION, TOXICITY EXPERIMENTS, SAFETY FACTORS, AND AVAILABLE DATA ON THE EFFECTS OF MERCURY POISONING ON HUMANS.

SWITZERLAND

"MAY 1, 1967 GUIDELINES ON INDIVIDUAL WATER PURIFICATION INSTALLATIONS." BUNDESBLATT
LP(A) GERMAN 06/22/67 PGS 1041 EPA ID# 00361C

THESE GUIDELINES, ISSUED BY THE FEDERAL INTERIOR DEPARTMENT, MAKE COMPULSORY THE GUIDELINES ON INDIVIDUAL WATER PURIFICATION INSTALLATIONS OF THE ASSOCIATION OF SWISS WATER TECHNICIANS RELATING TO THE CONNECTION OF INDIVIDUAL WATER PURIFICATION INSTALLATIONS TO SEWAGE SOURCES AS WELL AS TO THEIR DESIGN AND CONSTRUCTION. RELYING ON PRINCIPLES ESTABLISHED IN THESE GUIDELINES, THE COMPETENT CANTONAL AUTHORITIES ARE EMPOWERED TO DECIDE IN INDIVIDUAL CASES ON MATTERS CONCERNING THE RANGE OF USE OF INDIVIDUAL PURIFICATION PLANTS, THEIR OPERATION, SUPERVISION AND MAINTENANCE, AS WELL AS ON THE DISPOSAL OF EFFLUENTS FROM AGRICULTURAL OPERATIONS.

SWITZERLAND

"DEC 27 1967 FEDERAL ORDINANCE ON PROTECTION OF WATERS FROM POLLUTION BY LIQUID FUELS AND OTHER STORED WATER-ENDANGERING LIQUIDS." SAMMLUNG DER EIDGENOESSISCHEN GESETZE
LP(A) GERMAN 02/23/68 PGS 257-335 EPA ID# 00361D

THIS ORDINANCE, ISSUED BY THE FEDERAL INTERIOR MINISTRY, CONTAINS PROVISIONS TO PROTECT SURFACE WATERS AND GROUNDWATER AGAINST POLLUTION AND OTHER HARMFUL INFLUENCES BY PREVENTING THE ESCAPE OF LIQUIDS FROM INSTALLATIONS FOR THE STORAGE, TRANSHIPMENT, PROCESSING OR UTILIZATION OF LIQUID FUELS AND OTHER LIQUID PRODUCTS. THE PROVISIONS APPLY TO PROTECTION MEASURES TO BE TAKEN IN THE CONSTRUCTION, INSTALLATION, AND MAINTENANCE OF FUEL TANKS AS WELL AS TO ALL INSTALLATIONS FOR THE STORAGE OF OTHER LIQUIDS POTENTIALLY HARMFUL TO WATER. FOR THE PURPOSES OF THE ORDINANCE, SWITZERLAND IS DIVIDED INTO THREE ZONES AND MEASURES TO BE TAKEN WITH REGARD TO VARIOUS TYPES OF STORAGE FACILITIES IN THESE ZONES ARE DETAILED. THE CANTONS ARE EMPOWERED TO TAKE SPECIAL PROTECTIVE MEASURES IN THE AREA OF GROUNDWATER CATCHMENTS AND MAY FURTHER SET ASIDE AREAS WHERE NO WATER-ENDANGERING LIQUIDS MAY BE STORED. SEVERAL ARTICLES OF THIS ORDINANCE ARE ABROGATED BY THE JUNE 19, 1972 DECREE ON PROTECTION OF WATER FROM POLLUTION BY WATER-ENDANGERING LIQUIDS.

WATER

SWITZERLAND "MAY 27, 1968 GUIDELINES OF THE FEDERAL INTERIOR DEPARTMENT ON WATER PROTECTION MEASURES IN ROAD CONSTRUCTION." BUNDESBLATT

EPA

LR(A) GERMAN 09/08/68 PGS 181-198 ID# 00361E

THESE GUIDELINES ARE DESIGNED TO PREVENT OR LIMIT THE POLLUTION OF GROUNDWATER AND SURFACE WATERS INTENDED AS SOURCES OF DRINKING OR UTILITY WATER, ARISING FROM THE CONSTRUCTION OR USE OF ROADS. THE GUIDELINES APPLY TO ALL NEW ROADS WHICH MAY CARRY A LARGE NUMBER OF VEHICLES TRANSPORTING WATER-ENDANGERING LIQUIDS, AS WELL AS TO ROADS ALREADY IN USE, TO THE EXTENT THAT DANGERS EXIST. VARIOUS SECTIONS OF THE GUIDELINES CONCERN: PRINCIPLES TO BE FOLLOWED IN ROAD PLANNING; THE TYPES OF AREAS WHERE PROTECTIVE MEASURES ARE NECESSARY; SAFETY DESIGN FEATURES NECESSARY IN AREAS WHERE GROUNDWATER OR SPRING WATER IS PRESENT; SAFETY FEATURES WITH REGARD TO SURFACE WATERS, ESPECIALLY AS CONCERNS OIL SEPARATORS IN ROAD DRAINING PIPES; PROTECTIVE MEASURES TO BE TAKEN DURING ROAD CONSTRUCTION; THE USE OF GRAVEL IN GROUNDWATER AREAS; AND SYSTEMS FOR ROAD DRAINING. AN APPENDIX PRESENTS VARIOUS TECHNICAL SPECIFICATIONS RELATIVE TO MATTERS HANDLED IN THE GUIDELINES.

SWITZERLAND "MAY 16, 1969 GUIDELINES ON SAMPLING AND THE STANDARDIZATION OF WATER TESTING METHODS (PART I)." BUNDESBLATT

EPA

LR(A) GERMAN 05/16/69 PGS 884-949 ID# 00361F

THESE GUIDELINES, ISSUED BY THE FEDERAL INTERIOR DEPARTMENT, PRESENT STANDARDIZED METHODS FOR TESTING EFFLUENTS AND WATERS AFFECTED BY THEM FOR: TEMPERATURE; CLARITY; DEGRADABILITY OF SUBSTANCES; PRESENCE OF UNDISSOLVED SUBSTANCES; VOLUME OF PRECIPTABLE SUBSTANCES; PH-VALUE; BIOCHEMICAL OXYGEN REQUIREMENTS; POTASSIUM PERMANGANATE CONSUMPTION; AND PRESENCE OF: ACIDS, SALT, ALUMINUM, ARSENIC, BARIUM, LEAD, CADMIUM, CHROME(III), CHROME(VI), IRON, COPPER, NICKEL, MERCURY, SILVER, ZINC, TIN, AND AMMONIA. (FOR PART II OF THESE GUIDELINES SEE, SAMMLUNG DER EIDGENOESSISCHEN GESETZE, 1971, PP. 356-429.

SWITZERLAND "SEPT. 15, 1969 ORDINANCE AMENDING THE DEC. 27, 1967 ON PROTECTION OF WATERS FROM POLLUTION BY LIQUIDS FUELS AND OTHER STORED LIQUIDS." SAMMLUNG DER EIDGENOESSISCHEN GESETZE

EPA

LR(A) GERMAN 10/31/69 PGS 1012-19 ID# 00361G

THIS ORDINANCE INTRODUCES AMENDMENTS TO THE DEC. 27, 1967 FEDERAL INTERIOR MINISTRY ORDINANCE ON PROTECTION OF WATERS FROM POLLUTION BY LIQUID FUELS AND OTHER STORED WATER-ENDANGERING LIQUIDS, AND STIPULATES, AMONG OTHER THINGS: THAT GENERAL PROTECTIVE MEASURES TO PREVENT LEAKAGE MUST BE TAKEN IN THE CONSTRUCTION, EQUIPMENT AND UPKEEP OF ALL INSTALLATIONS FOR THE STORAGE OF LIQUIDS LIKELY TO CAUSE DETERIORATION OF WATER QUALITY; AND THAT SPECIAL PROTECTION MEASURES BE TAKEN WHERE THERE IS A DANGER OF POLLUTION OF SURFACE WATERS OR GROUNDWATER.

SWITZERLAND "OCT. 15, 1971 GUIDELINES ON SAMPLING AND THE STANDARDIZATION OF WATER TESTING METHODS (PART II)." SAMMLUNG DER EIDGENOESSISCHEN GESETZE

EPA

LP(A) GERMAN 02/18/72 PGS 356-429 ID# 00361H

THESE GUIDELINES, ISSUED BY THE FEDERAL INTERIOR DEPARTMENT, PRESENT STANDARDIZED METHODS FOR TESTING EFFLUENTS AND BODIES OF WATER AFFECTED BY THEM FOR: TOXICITY; ACTIVE CHLORINE; CYANIDE; FLUORIDES; NITRATES; NITRITES; SULFIDES; SULFITES; PHENOLS; FREE ACIDS AND FREE BASES; PHOSPHATES; AND DETERGENTS. PART I OF THESE GUIDELINES APPEAR IN BUNDESBLATT, 1970, PP. 884-949.

SWITZERLAND "JUNE 19, 1972 DECREE ON THE PROTECTION OF WATERS FROM POLLUTION BY WATER-ENDANGERING LIQUIDS." SAMMLUNG DER EIDGENOESSICHEN GESETZE

EPA

LP(A) GERMAN 06/23/72 PGS 986-1004 ID# 00362B

THIS DECREE, MADE PURSUANT TO THE OCT. 8, 1971 FEDERAL LAW ON THE PROTECTION OF WATERS AGAINST POLLUTION, APPLIES TO THE BUILDING, EQUIPPING, OPERATION, ETC. OF INSTALLATIONS FOR THE MANUFACTURING, PROCESSING, STORAGE, TRANSFER, ETC. OF LIQUID FUELS AND OTHER LIQUIDS WHICH MAY CAUSE PHYSICAL OR CHEMICAL CHANGES IN THE WATER OR ENDANGER AQUATIC LIFE. TECHNICAL REGULATIONS FOR THE IMPLEMENTATION OF THE DECREE ARE TO BE ISSUED BY THE INTERIOR DEPARTMENT, WHICH MAY ALSO, IN CONJUNCTION WITH THE FEDERAL DEPARTMENT OF THE PUBLIC ECONOMY, ISSUE REGULATIONS ON THE QUALIFICATIONS OF SERVICE AND MAINTENANCE PERSONNEL IN SUCH INSTALLATIONS. VARIOUS SECTIONS OF THE DECREE PRESENT THE CLASSIFICATION SYSTEM BY WHICH CANTONS ARE TO ESTABLISH WATER PROTECTION ZONES, AND DETAIL THE MEASURES AND PROHIBITIONS TO BE ENFORCED IN THESE ZONES. OTHER PROVISIONS RELATE TO THE BUILDING, OPERATION AND REGULAR INSPECTION OF INSTALLATIONS; THE ADAPTATION OR DEACTIVATION OF OLD INSTALLATIONS; AND THE SUPERVISION OF THE QUALITY OF BOTH WORK AND MATERIAL.

SWITZERLAND "JUNE 19, 1972 GENERAL WATER PROTECTION DECREE." SAMMLUNG DER EIDGENOESSICHEN GESETZE

EPA

LP(A) GERMAN 06/23/72 PGS 967-85 ID# 00362C

THIS DECREE CONTAINS PROVISIONS PERTINENT TO THE ADMINISTRATION OF THE OCT. 8, 1971 FEDERAL LAW ON THE PROTECTION OF WATERS AGAINST POLLUTION. SECTION I DESCRIBES THE ROLES OF THE FEDERAL COUNCIL AS WELL AS OF THE DEPT. OF THE INTERIOR AND OTHER FEDERAL OFFICES IN SUPERVISING THE IMPLEMENTATION OF THE LAW. THE DUTIES OF THE CANTONS, WHICH ARE GIVEN THE PRIMARY RESPONSIBILITY FOR IMPLEMENTATION OF THE LAW IN THEIR AREAS, ARE THEN DETAILED. SECTION II, DEALING WITH SEWAGE DISPOSAL, INCLUDES PROVISIONS RELATING TO: CANTONAL WATER PURIFICATION PLANS; PLANNING FOR CANALIZATION; AND PRINCIPLES APPLYING TO EXCEPTIONAL TYPES OF SEWAGE DISPOSAL. SECTION III DEALS WITH THE FINANCIAL ROLE OF THE FEDERAL GOVERNMENT IN WATER PROTECTION EFFORTS; CONDITIONS UNDER WHICH FUNDS WILL BE GRANTED AND THE AMOUNT OF FUNDING TO BE PROVIDED UNDER VARIOUS CIRCUMSTANCES ARE STIPULATED. THE FINAL SECTION DEALS WITH, AMONG OTHER THINGS, PENALTIES UNDER THE LAW.

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WATER

SWITZERLAND

ORDONNANCE SUR LA DEGRADABILITE DES PRODUITS DE LAVAGE, DE RINCAGE ET DE NETTOYAGE (ORDINANCE ON THE DEGRADABILITY OF WASHING, RINSING AND CLEANING PRODUCTS)
SWITZERLAND. FEDERAL COUNCIL EPA
FRENCH 06/19/72 PGS 1-4 ID# 00362D

LR(A)

THIS SWISS FEDERAL COUNCIL, ACTING UNDER PROVISIONS OF ARTICLE 23 OF THE FEDERAL LAW OF OCTOBER 6, 1971 ON WATER POLLUTION, REQUIRES THROUGH THIS ORDINANCE THAT MEASURES BE TAKEN TO REDUCE THE HAZARD FROM DETERGENTS. THE ORDINANCE DEFINES THE AREA OF APPLICABILITY, RESTRICTS , COMPOUNDS DIFFICULT TO DEGRADE, MAKES MANDATORY THE REGISTERING OF DETERGENTS DESIGNED FOR DOMESTIC USE, DELINEATES THE RESPONSIBILITIES OF THE CANTON, ASSIGNS TESTING AND VERIFICATION COSTS, AND PROHIBITS THE MANUFACTURE OR SALE OF NON-CONFORMING PRODUCTS.

SWITZERLAND

"AUG. 9, 1972 REGULATIONS ON THE FEDERAL WATER PROTECTION COMMISSION."
SAMMLUNG DER EIDGENOESSISCHEN GESETZE EPA
GERMAN 08/18/72 PGS 1708-10 ID# 00362E

LR(A)

THESE REGULATIONS, MADE PURSUANT TO THE OCT 8, 1971 LAW ON THE PROTECTION OF WATERS AGAINST POLLUTION AND THE JUNE 19, 1972 GENERAL WATER PROTECTION DECREE DEAL WITH THE FORMATION OF A FEDERAL WATER PROTECTION COMMISSION TO ADVISE THE DEPT. OF THE INTERIOR AND THE OFFICE OF ENVIRONMENTAL PROTECTION ON QUESTIONS RELATING TO WATER PROTECTION AS WELL AS TO PROMOTE COOPERATION BETWEEN THE AUTHORITIES OF THE FEDERAL AND CANTONAL GOVERNMENTS ON THE ONE HAND AND RESEARCH INSTITUTIONS AND PROFESSIONAL AND INDUSTRIAL ORGANIZATIONS ON THE OTHER. THE COMMISSION IS TO CONSIST OF 30-35 SPECIALISTS, REPRESENTING THE FEDERAL AND CANTONAL GOVERNMENTS, THE COMMUNES, THE SCIENTIFIC COMMUNITY, PROFESSIONAL ORGANIZATIONS AND INDUSTRY. MEMBERS AND THE PRESIDENT ARE CHOSEN FOR FOUR-YEAR TERMS. ALSO DEALT WITH ARE: THE ORDER OF BUSINESS OF THE COMMISSION; OFFICIAL SECRETS; THE COMMISSION'S SECRETARIAT; AND FINANCIAL COMPENSATION FOR COMMISSION MEMBERS.

SWITZERLAND

"NOV. 8, 1972 DECREE ON CONTENT AND PRESENTATION OF WATER PURIFICATION PLANS." SAMMLUNG DER EIDGENOESSISCHEN GESETZE EPA
GERMAN 12/08/72 PGS 2750-56 ID# 00362G

LR(A)

THIS DECREE, MADE PURSUANT TO THE OCT. 8, 1971 FEDERAL LAW ON THE PROTECTION OF WATERS AGAINST POLLUTION, AND THE JUNE 19, 1972 GENERAL WATER PROTECTION DECREE, SPECIFIES THE FORM AND CONTENT OF THE CANTONAL WATER PURIFICATION PLANS PROVIDED FOR IN THESE PIECES OF LEGISLATION. AS A BASIS FOR SUCH PLANS APPROPRIATE CANTONAL AUTHORITIES ARE TO PREPARE AN INVENTORY, OF AMONG OTHER THINGS, PRESENT SOURCES OF POLLUTION AND EXISTING PURIFICATION INSTALLATIONS. PROGRAMS, TO BE OPERATIONAL BY JULY 1, 1982, ARE TO ADAPTABLE TO BE CHANGING CIRCUMSTANCES, ESPECIALLY TO POPULATION INCREASES AND NEW WATER PROTECTION DEMANDS. PRIORITY CONSIDERATIONS INCLUDE, ENDANGERED GROUND AND SPRING WATER, COMMERCIAL AND INDUSTRIAL WASTES, AND BUILT-UP AREAS SERVICED BY CENTRAL WATER PURIFICATION INSTALLATIONS. OTHER PROVISIONS SPECIFY THE FORM OF THE PLANS, WHICH ARE TO CONSIST OF A CARTOGRAPHIC PRESENTATION WITH SUPPLEMENTARY TABLES. PLANS ARE TO BE SUBMITTED WITHIN ONE AND A HALF YEARS OF THE EFFECTIVE DATE OF THIS DECREE.

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SWITZERLAND "LUCERNE INTENDS TO LIMIT MOTOR BOAT TRAFFIC." NEUE ZUERCHER ZEITUNG, V. 194, NO. 73

LP(B) GERMAN 03/16/73 PGS 3? EPA ID# 010?7A
NOISE

THIS ARTICLE REPORTS THE INTENTION OF THE SWISS CANTON OF LUCERNE TO CURB THE USE OF MOTOR BOATS ON THE CANTON'S LAKES, NOTABLY VIERWALDSTAETTERSEE AND SEMPACHERSEE, TO PREVENT THE FURTHER POLLUTION OF THESE WATER BODIES. THE NUMBER OF MOTOR BOATS ON THESE TWO LAKES HAS RISEN BY 50 AND 67% RESPECTIVELY. THE INTENDED ORDINANCES WILL SEEK, AFTER A TRANSITIONAL PERIOD, TO AUTHORIZE ONLY ELECTRO-ENGINE POWERED BOATS AND, IN THE MEANTIME, TO REQUIRE EXISTING MOTOR BOATS TO MEET CERTAIN TECHNICAL REQUIREMENTS AS TO CARBURETION MIXTURE, NOISE LEVELS, AND USE OF LEAD-FREE GASOLINE.

SWITZERLAND "DEC. 23, 1971 DECREE IMPLEMENTING THE FEDERAL LAW ON TRADE IN POISONOUS SUBSTANCES (POISONOUS SUBSTANCES LAW)." SAMMLUNG DER EIDGENOESSISCHEN GESETZE

LP(A) GERMAN 00/00/72 PGS 442-73 EPA ID# 01321C
*PESTICIDES AIR

SWITZERLAND "TOXIC PRODUCTS, THEIR USE AND DISPOSAL: NECESSARY INFORMATION." JOURNAL DE GENEVE, NO. 172

LR(B) FRENCH 07/26/73 PGS 7 EPA ID# 01321E
ALSO SE
*RADIATION

SWITZERLAND REINES WASSER ... EAU PURE...CLEAN WATER. BSK. 3D EDITION 1971.

ST( ) ENGLISH 00/00/71 PGS 1-64 EPA ID# 00791A
ALSO IN GERMAN AND FRENCH

THE PUBLICATION PRESENTS PHOTOS, TEXT AND DIAGRAMS OF VARIOUS WATER-PURIFICATION APPARATUSES PRODUCED BY BSK. THESE INCLUDE AERATORS, HYDRAULIC ACCESSORIES, A UNIVERSAL SEWAGE TREATMENT PLANT, FLOCCULATOR, AND OTHERS.

SWITZERLAND

ST( )

ASPECTS DE NATURE TECHNIQUE QUE PRESENTENT, EN MATIERE DE PROTECTION DES EAUX, LE PRELEVEMENT ET LA RESTITUTION D'EAU DE REFROIDISSEMENT POUR LES CENTRALES THERMIQUES CLASSIQUES
SWITZERLAND. FEDERAL DEPARTMENT OF THE INTERIOR
FRENCH 10/00/71 PGS 1-146 EPA
ALSO PMB ID# 01033A

THE 1971 REISSUE OF THIS REPORT, CALLED THE TECHNICAL ASPECTS IN THE MATTER OF WATER PROTECTION INVOLVED IN THE SEPARATION AND RESTITUTION OF COOLANT WATER FROM CONVENTIONAL AND NUCLEAR THERMAL PLANTS, EXAMINES THE CONSEQUENCES OF TEMPERATURE INCREASES IN SURFACE AND GROUND WATERS AS A RESULT OF THE RESTITUTION OF COOLANT WATERS REQUIRED BY THESE PLANTS. IT WAS PROMPTED BY A GOVERNMENT INQUIRY INTO FACTORS THAT WOULD TEND TO LIMIT THE NUMBER OF NUCLEAR PLANTS TO BE BUILT IN SWITZERLAND. THE REPORT DISCUSSES HYDROLOGICAL CONDITIONS, THE INFLUENCE OF THE ATMOSPHERE ON THE THERMAL REGIME OF WATER BODIES, AND THE EFFECTS OF THE ARTIFICIAL REHEATING OF SURFACE AND GROUND WATERS ON FISH LIFE. THE REPORT ALSO CONTAINS A GLOSSARY OF TECHNICAL TERMS AND A BIBLIOGRAPHY.

TRINIDAD AND TOBAGO

LR(A)

"AUG 19, 1965 WATER AND SEWERAGE ACT." INT. DIG. OF HLTH. LEGIS., V. 21.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/70 PGS 204-05 EPA
ID# 01711A

THIS ACT ESTABLISHES THE WATER AND SEWERAGE AUTHORITY, WHICH IS EMPOWERED, INTER ALIA, TO MAKE BYLAWS FOR PREVENTING THE CONTAMINATION OF WATER SUPPLIED BY IT OR BY WATER PURVEYORS, AS WELL AS TO ESTABLISH PROTECTION AREAS IN WHICH CERTAIN ACTIVITIES HARMFUL TO SURFACE WATERS OR GROUNDWATER MAY BE PROHIBITED OR REGULATED. THE ACT ALSO MAKES IT AN OFFENSE TO CAUSE THE POLLUTION OF ANY WATER SOURCE USED DIRECTLY OR INDIRECTLY FOR HUMAN CONSUMPTION. THE AUTHORITY IS FURTHER CHARGED WITH ENSURING THAT PREMISES IN SEWERAGE AREAS CONTAIN WATER CLOSETS AND THAT EVERY WATER CLOSET, SINK, OR OTHER SEWAGE-DISCHARGING RECEPTACLE IS CONNECTED WITH THE SEWERAGE SYSTEM. SCHEDULES APPENDED TO THE ACT CONTAIN AMENDMENTS TO THOSE SECTIONS OF THE PUBLIC HEALTH ORDINANCE DEALING WITH WATER AND SEWERAGE. (THE ORIGINAL TEXT OF THIS ACT APPEARS IN THE ACTS OF TRINIDAD AND TOBAGO, 1965, PP. 151-271.)

UPPER VOLTA

LP(S)

"DEC. 28, 1970 ORDINANCE NO. 70-68 ESTABLISHING THE PUBLIC HEALTH CODE." INT. DIG. HLTH. LEG., V. 24.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/73 PGS 642-671 EPA
ID# 01815A
*GENERAL RADIATION PESTICIDES NOISE SOLID WASTE

URUGUAY

"DECEMBER 19, 1952 LAW NO. 1 ESTABLISHING AN AUTONOMOUS SERVICE, THE SANITARY WORKS ADMINSTRATION." INT. DIG. OF HLTH. LEG., V. 7.
WORLD HEALTH ORGANIZATION, COMP.

LR(A) ENGLISH 00/00/56 PGS 143 EPA ID# 01693A

THIS LAW ESTABLISHES THE STATE SANITARY WORKS ADMINISTRATION. ITS FUNCTIONS ARE: INSTALLATION OF WATER-SUPPLY SERVICES; DISPOSAL OF WASTEWATERS; AGREEMENTS WITH LOCAL JURISDICTIONS; PLANNING, CONSTRUCTION, AND CONSERVATION OF NECESSARY FACILITIES; AND THE SANITARY CONTROL OF WATERCOURSES. THE SERVICE IS TO BE GUIDED BY CONSIDERATIONS FOR HYGIENE, WITH SOCIAL ISSUES PREVAILING OVER ECONOMIC CONSIDERATIONS. THE OFFICIAL TEXT APPEARS IN DIARIO OFICIAL, JAN. 9, 1953, PT. A, P. 37-40.

USSR

COUNCIL OF PROTECTION OF THE ENVIRONMENT ESTABLISHED. FBIS DAILY BROADCAST, SOVIET UNION.

PM(A) ENGLISH 01/22/73 PGS EPA ID# 00778A
ALSO SE
*GENERAL AIR

USSR

PROYEKTIROVANIYE I RASCHET OCHISTNYKH SOOPUZHENIY VODOPROVODOV (DESIGN AND PLANNING OF WATER PURIFICATION SYSTEMS)
KUL'SKIY, L.A., AND OTHERS

ST( ) RUSSIAN 00/00/72 PGS 1-424 EPA ID# 00795A
ALSO PMB, SE

THE FIRST SECTION OF THE BOOK IS A GENERAL DISCUSSION OF SOURCES OF WATER SUPPLY, METHODS, TECHNOLOGICAL PROCESSES AND REAGENTS USED IN WATER PURIFICATION, DEMANDS ON WATER QUALITY, AND TECHNOLOGICAL AND ECONOMIC PRINCIPLES OF WATER SUPPLY. THE AUTHOES THEN PRESENT DETAILED TECHNICAL INFORMATION ON DESIGN AND PLANNING OF WATER PURIFICATION PLANTS AND VARIOUS APPARATUS USED IN TREATMENT PROCESS. TECHNOLOGICAL PROBLEMS DISCUSSED INCLUDE: REGULATION OF REAGENTS; DISINFECTION BY MEANS OF CHLORINATION, OZONIZATION, IONIZATION AND ULTRAVIOLET IRRADIATION; FLUORINATION AND DEFLUORINATION OF DRINKING WATER; REMOVAL OF IRON, MAGANESE AND SILICIC ACID; DESALINATION; TREATMENT OF WATER IN RECYCLING SYSTEMS; AND STABILIZATION OF COOLING WATER. MEANS OF AUTOMATION, WORK REGULATION AND MANAGEMENT OF TREATMENT STATIONS ARE DISCUSSED. THE AUTHORS INCLUDE NEW DATA ON STANDARDS AND COMPARATIVE COST EVALUATION OF VARIOUS PURIFICATION SYSTEMS.

USSR

ISSLEDOVANIYA PO OCHISTKE STOCHNYKH VOD (STUDIES ON PURIFICATION OF WASTE WATER)
MOSCOW. INZHERNO-STROITEL'NYY INSTITUT
EPA
CI( ) RUSSIAN 00/00/71 PGS 1-138 ID# 00736A
MOSCOW ENGINEERING INST.

THIS COLLECTION CONTAINS REPORTS ON RESEARCH CONDUCTED AT THE MOSCOW ENGINEERING INSTITUTE ON MEANS OF PURIFYING CITY SEWAGE AND INDUSTRIAL WASTEWATERS. RESEARCH ON SEWAGE PURIFICATION INCLUDES IMPROVED HIGH CAPACITY AERATION TANKS, MECHANICAL SURFACE DISC AERATORS, BIOLOGICAL FILTERS WITH SOFT PLASTIC CORE, BALANCE OF ORGANIC SUBSTANCES IN BIOCHEMICAL FILTERS AND COMPARATIVE OXIDATION CAPACITY OF AEROBIC AND ANAEROBIC SEDIMENTS. METHODS OF PURIFYING EFFLUENTS FROM TEXTILE AND WOOLENS INDUSTRIES INCLUDE RECYCLING SYSTEMS, SETTLING TANKS AND A NEW FILTER SYSTEM CONTAINING IRON FILINGS. VARIOUS PROBLEMS IN PURIFICATION OF EFFLUENTS FROM CHEMICAL AND PHARMACEUTICAL INDUSTRY INCLUDE USES OF ACTIVATED CHARCOAL FILTERS AND GAS CONVERSION FILTERS, AND MEANS OF PURIFYING EFFLUENTS FROM PRODUCTION OF STEROID HORMONES. THE INSTITUTE IS ALSO STUDYING USE OF SYNTHETIC HIGH MOLECULAR SUBSTANCES IN PURIFICATION OF WASTE WATER FROM PETROLEUM INDUSTRY.

YUGOSLAVIA

"OCT. 7, 1960 REGULATIONS ON SANITARY MEASURES FOR PROTECTION OF DRINKING WATER." INT. DIG. HLTH. LEG., V. 12
WORLD HEALTH ORGANIZATION, COMP.
EPA
IR(A) ENGLISH 00/00/61 PGS 640-645 ID# 01423A
RADIATION SOLID WASTE

THESE REGULATIONS ESTABLISH TECHNICAL REQUIREMENTS ON QUALITY OF WATER USED FOR DOMESTIC SUPPLY, INCLUDING BACTERIOLOGICAL CONDITIONS, LEVEL OF RADIOACTIVITY, MAXIMUM CHEMICAL AND MINERAL CONCENTRATIONS, PH LEVEL AND TURBIDITY. IN ARTICLE 7, THE NECESSITY TO CONTROL POLLUTION OF DRINKING WATER SOURCE IS RECOGNIZED. ESTABLISHMENTS ENGAGED IN SUPPLY OF DRINKING WATER ARE AUTHORIZED TO INVESTIGATE SOURCES OF POLLUTION AND IMPLEMENT REMEDIAL MEASURES SUCH AS REMOVAL OF REFUSE DUMPS, TOILETS OR ANIMAL PENS AFFECTING THE WATER SOURCE. MEASURES TO MAINTAIN SANITARY QUALITY OF THE WATER ARE TO BE ESTABLISHED IN AGREEMENT WITH SANITARY INSPECTION AUTHORITIES. INSTALLATIONS INVOLVED IN SUPPLY OF DRINKING WATER MUST BE MAINTAINED SO AS NOT TO CAUSE POLLUTION (ARTICLE 9). (OFFICIAL TEXT IS IN SLUZBENI LIST FED. NARODNE REP. JUGOSLAVIJE, NOV. 2, 1960 PAGES 795-798.

ZAMBIA

"THE WATER ACT, 1949," AS AMENDED (CAP. 312). THE LAWS OF ZAMBIA.
EPA
IR(A) ENGLISH 00/00/71 PGS 1-24 ID# 01620A

UNDER SECTION 55, IT IS PROHIBITED TO POLLUTE ANY PUBLIC WATER, EITHER DELIBERATELY OR THROUGH NEGLIGENCE, SO AS TO RENDER IT HARMFUL TO MAN, ANIMALS, FISH OR AQUATIC VEGETATION. VIOLATORS ARE SUBJECT TO A FINE OF 400 KWACHAS AND ONE YEAR IMPRISONMENT FOR THE FIRST OFFENSE OR 800 KWACHAS AND TWO YEARS IMPRISONMENT FOR SUBSEQUENT OFFENSES. SHOULD A WATER OFFICER, APPOINTED UNDER SECTION 4 OF THE ACT, DETERMINE THAT PUBLIC WATER IS BEING POLLUTED, HE MAY REQUIRE RESPONSIBLE PERSONS TO IMPLEMENT REMEDIAL MEASURES. FAILURE TO COMPLY IS PUNISHED BY A FINE OF 200 KWACHAS PER DAY UNTIL THE POLLUTION IS STOPPED. PERSONS CONVICTED OF CAUSING SUCH POLLUTION ARE LIABLE FOR CIVIL DAMAGES CAUSED TO OTHERS AS WELL.

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